

# **INDUSTRIAL PRETREATMENT PROGRAM**

## **2021 ANNUAL REPORT**

*Prepared for:*

*The Water/Wastewater Commission*



**February 2022**

*Prepared by:*



50 High Street – 4<sup>th</sup> Floor -Suite 49  
North Andover, MA 01845

City of  
**Fitchburg**



Department of  
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February 28, 2022

United States Environmental Protection Agency  
Environmental Engineer  
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Boston, MA 02109

Attn: Mr. Justin Pimpare, Regional Pretreatment Coordinator

**Subject: Industrial Pretreatment Program Annual Report, 2021  
Reporting Year City of Fitchburg, Massachusetts (NPDES Permit No.:  
MA0100986)**

Dear Mr. Pimpare,

On behalf of the City of Fitchburg, please find attached the City's ***"2021 Annual Report for the Industrial Pretreatment Program for the City of Fitchburg, Massachusetts"*** (Annual Report). We trust that the information provided therein demonstrates to USEPA that the City of Fitchburg is administering an effective Industrial Pretreatment Program.

If you have any questions concerning the City's Annual Report, please contact Fitchburg Wastewater Industrial Pretreatment Coordinator John Beauchemin at (978) 345-9625, ext. 1008, or the undersigned at 978 353-2304.

Sincerely,

FITCHBURG DPW, WASTEWATER DIVISION

Mark McNamara  
Interim Deputy Commissioner of Wastewater  
Attachments

cc: MADEP-Bureau of Waste Prevention  
Ms. Paula M. Boyle, Associate, Hoyle Tanner

# **INDUSTRIAL PRETREATMENT PROGRAM**

## **ANNUAL REPORT**

**FOR THE PERIOD OF JANUARY 1, 2021- DECEMBER 31, 2021**

*prepared for:*

**CITY OF FITCHBURG**  
WATER/WASTEWATER COMMISSION  
718 MAIN STREET  
FITCHBURG, MASSACHUSETTS 01420

prepared by:



50 High Street  
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# Acknowledgements

We acknowledge with thanks and appreciation, the assistance and cooperation extended to us by the City of Fitchburg Wastewater Treatment Facility personnel.

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## Executive Summary

This report documents the activities of the City of Fitchburg's Industrial Pretreatment Program (IPP) for the reporting period January 1, 2021 through December 31, 2021. Significant Industrial User (SIU) inspections, self-monitoring and City compliance monitoring reports have been completed in accordance with the approved IPP. Rand-Whitney (DS-Smith) is no longer in business and Wachusett Brewing Company is now a permitted SIU. Industrial Discharge Permits using a new template were issued to all the SIUs.

Although the COVID-19 pandemic made it more difficult to conduct full thorough inspections, Federal Categorical and non-Categorical SIUs have all been inspected once during this reporting year using the USEPA approved inspection forms. All SIU's industrial wastewater discharged to the Publicly Owned Treatment Works (POTW) have been sampled at least once by the City during this reporting period. Notices of Violations (NOVs) were issued for Industrial Discharge permit and or Sewer Use Ordinance (SUO) violations. The City's approved Enforcement Response Plan has been adhered to during the reporting year. The City has conducted the Significant Non-Compliance (SNC) evaluation and will publish the list of Significantly Violating Industries in the areas largest circulating newspaper. The City also conducted the annual priority pollutant scan of the WWTF's influent, effluent and sludge and conducted additional quarterly sampling for those parameters with a Maximum Allowable Headworks Loading (MAHL). The City has documented incidents of pass-through for BOD and TSS Maximum Daily discharges. The City has investigated this issue and determine the days that the Maximum Daily discharge NPDES permit limits were exceeded were bypasses due to peak flows reaching the WWTF. The City is continuing with an aggressive sewer separation program throughout the City and the number of these bypass days have been reduced from weeklong events to one or two days.

Also, the City correlated several of the maximum permit BOD and TSS permit exceedances to those days when the greatest amount of septage was treated at the WWTF. The City has greatly reduced the amount of septage now received and treated at the WWTF as detailed further in this report. The Pretreatment Annual Report Summary is included in **Appendix A**.

## Purpose

The purpose of this annual report is to document the activities of the IPP for the City of Fitchburg during the period of January 1, 2021 through December 31, 2021. The following will be detailed within this report in accordance with Federal 40 CFR Section 403.12 (i) annual IPP reports:

- A list of all industrial users by category as per 40 CFR 403.12(i)(1), indicating compliance status with Federal, State and Local Regulations.
- A summary of compliance and enforcement activities during the period of January 1, 2021 through December 31, 2021.
- A summary of analytical results from the priority pollutant scan for the influent, effluent, and sludge for the East Wastewater Treatment Facility (WWTF).
- A description of all interference and pass-through that occurred during the past year.
- A description of all investigations into interference and pass-through that occurred during the past year.
- A description of monitoring, sewer inspections and evaluations which were done during the past year to detect interference and pass-through at the WWTF.
- A description of actions being taken to reduce the incidence of significant violations by significant industrial users.
- A narrative description of program effectiveness including present and proposed changes to the program, such as funding, staffing, ordinances, rules, and regulations, and/or statutory authority.
- The latest adoption of local limits and an indication as to whether the City is under a State/Federal compliance schedule that includes steps to be taken to revise local limits.

## Background

The City of Fitchburg (City) is an industrialized, economically self-contained community located in north central Massachusetts. The City currently operates the East Wastewater Treatment Facility (WWTF) located on Lanides Lane. The East WWTF discharges treated effluent to the North Nashua River and must comply with the discharge limits set forth by National Pollutant Discharge Elimination System (NPDES) permit Number MA0100986.

The East Fitchburg WWTF has a design capacity of 12.4 million gallons per day (MGD). This reporting year's twelve-month rolling average daily flow to the facility is 8.67 MGD. The East WWTF accepts both domestic and industrial flows from all portions of the City as well as the Towns of Lunenburg and Westminster. Less than five percent (5%) of the East WWTF flow is from industrial sources. The City's West WWTF is now used solely as a pumping station to convey wastewater to the East WWTF.

The City is required as part of its NPDES permit to maintain an IPP which is designed to control the discharge of pollutants from Industrial Users to the Publicly Owned Treatment Works (POTW). The goal of the IPP is to protect the POTW, the North Nashua River, prevent interference and pass-through of the WWTF processes as well as to protect the disposal practices of the sludge and the City's WWTF personnel. The City's IPP was approved in 1983. A Draft Development of Local Limits was conducted in August of 1995, however, this study was put on hold pending the issuance of a new NPDES and a dilution study of the North Nashua River. The City's Technically Based approved Local Limits were then developed and approved in August 2019 and are included in the City's SUO which was adopted in December 2020.

The City had previously been accepting up to 100,000 - 130,000 gallons per day (GPD) of septage and now no longer accepts more than 35,000 gpd. The City began this practice in August 2021 after noticing from quarterly WWTF influent monitoring results that during the spring months of 2021, when septic systems are typically pumped, the MAHL was exceeded for pollutants typically found in domestic septage. The City greatly reduced the amount of septage taken daily at the WWTF and now treats up to 35,000 gpd of hauled domestic only waste that originates from within Fitchburg and other towns within a 30-mile radius of the WWTF. The septage is discharged by the haulers upstream of the headworks. A shut off valve was installed in August 2021 so that once 35,000 gpd of septage discharged is reached, no additional septage for the day is allowed to be received. The City believes reducing the amount of septage treated at the

WWTF has helped to lower the influent loadings of pollutants including cadmium, copper, zinc, BOD, TSS and phosphorus, and will continue to monitor metal and organic influent loading reductions on a quarterly basis. The City requires the haulers to report the volume and the pH of the hauled waste load and maintains a sample from the septage load should an analysis be necessary due to a suspect load. Sludge generated at the WWTF is disposed of at the City owned landfill.

The City issued Industrial discharge permits this year which required increased sampling from semi-annually to quarterly for all SIUs except for the Wachusett Brewing Company which must sample and report monthly. In addition, the sampling at the WWTF has been increased from annually to quarterly. The increased sampling has allowed the City to track pollutant loadings more accurately at the WWTF to understand seasonal variations at both the SIUs and at the WWTF.

The USEPA conducted a remote Pretreatment Compliance Inspection (PCI) on May 11 and 12, 2020 and issued follow-up recommendations to the City on June 24, 2020. The recommendations made by the USEPA continue to be implemented by the City including using an Industrial Discharge permit template for newly issued permits. The City has also hired Hoyle Tanner to assist with various IPP Tasks including annual report preparation and conducting an updated Industrial Waste Survey. The City's IPP personnel continue to remain the point of contact for the SIUs.

## 1.0 Industrial Users

### 1.1 Introduction

A list of industries by category, as required by 40 CFR 403.12(i), has been maintained by the City (the list of SIUs is included below in Table 1-1). The City's Building Inspector, Planning Board and other appropriate City personnel have also been instructed to identify any new industrial connections and report them to the City's IPP Coordinator. The City conducted a cursory windshield survey during this reporting period. Due to the COVID-19 pandemic, a waste survey as recommended by the USEPA, was not issued during this reporting period but is expected to be issued in 2022. There are currently eight (8) SIUs discharging to the City's POTW, of which, five (5) are Federally regulated Categorical industries identified by their processes. Rand-Whitney (DS Smith) has gone out of business and has been removed from the City's SIU list, however, Wachusett Brewing Company has been added as an SIU.

### 1.2 Industrial Users by Classification

The City has begun to update the existing Master Business list and will continue this effort during the next reporting period. The updated Master Business List is being developed from various database sources including the Town's sewer and water accounts, liquor licenses and Board of Health records, the Chamber of Commerce website and internet searches. In addition, a windshield survey will continue to be developed to help identify nondomestic sources discharging to the WWTF.

The City uses the following classification system to describe its industrial users:

1. Significant Industrial User (SIU) - as per the definition below.
2. Commercial User/Restaurant - may discharge small quantity of industrial wastewater, but not significant to POTW.
3. Domestic-sanitary wastewater discharged only.

A Significant Industrial User is defined as:

*(i) All Industrial Users subject to Categorical Pretreatment Standards under [40 CFR 403.6](#) and [40 CFR chapter I](#), subchapter N; and*

*(ii) Any other Industrial User that: discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling and boiler blowdown wastewater); contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW Treatment plant; or is designated as such by the Control Authority on the basis that the Industrial User has a reasonable potential for adversely affecting the POTW's operation or for violating any Pretreatment Standard or requirement (in accordance with [40 CFR 403.8\(f\)\(6\)](#)).*

*The Control Authority may determine that an Industrial User subject to categorical Pretreatment Standards under [§ 403.6](#) and [40 CFR chapter I](#), subchapter N is a Non-Significant Categorical Industrial User rather than a Significant Industrial User on a finding that the Industrial User never discharges more than 100 gallons per day (gpd) of total categorical wastewater (excluding sanitary, non-contact cooling and boiler blowdown wastewater, unless specifically included in the Pretreatment Standard) and the following conditions are met:*

- (i) The Industrial User, prior to the Control Authority's finding, has consistently complied with all applicable categorical Pretreatment Standards and Requirements;*
- (ii) The Industrial User annually submits the certification statement required in [§ 403.12\(q\)](#) together with any additional information necessary to support the certification statement; and*
- (iii) The Industrial User never discharges any untreated concentrated wastewater.*

*Upon a finding that an Industrial User meeting the criteria in [paragraph \(v\)\(1\)\(ii\)](#) of this section has no reasonable potential for adversely affecting the POTW's operation or for violating any Pretreatment Standards or requirement, the Control Authority may at any time, on its own initiative or in response to a petition received from an Industrial User or POTW, and in accordance with [40 CFR 403.8\(f\)\(6\)](#), determine that such Industrial User is not a Significant Industrial User.*

The City's eight (8) SIUs and its appropriate Federal Category are presented in Table 1-1.



Table 1-1 Significant Industrial Users				
Permit Number	Industry	Categorical User	Regulated Category 40 CFR	Industrial Process
101	Micron Medical Products	Yes	40 CFR Part 433	Manufacturer of Medical Products
106	Advance Coatings, Co.	Yes	40 CFR Part 414	Manufactures fiberglass resins and gelcoats
241	Utz Co., Inc. (Wachusett Potato Chip)	No	-	Manufactures potato chips
242	Wachusett Brewing Company	No	-	Brews beer
246	Select Engineering	Yes	40 CFR Part 433	Plates plastic parts for the medical industry
316	OMNOVA Solutions	Yes	40 CFR Part 414	Manufactures poly-resins
366	Greif (Newark America)	Yes	40 CFR Part 430	Manufactures graphic cardboards
376	Fitchburg Westminster Landfill	No	-	Produces landfill leachate

#### Dental Facilities

The City also used the list provided by the USEPA from the American Dental Association to identify 28 dental users throughout the City. A one-time certification has been issued to the Dental users and the City has received 23 returned certifications in accordance with 40 CFR 441.50 Effluent Limitations Guidelines and Standards for the Dental Office Category. The City has inspected 2 dental facilities to date.

#### Restaurants

The Board of Health is responsible for inspecting the restaurants and the facilities with grease traps connected to the POTW.

### **1.3 Baseline Monitoring Reports**

There were no new Federal Categorical waste streams added to the City's POTW requiring a baseline monitoring report. Should the ongoing Industrial Survey identify any new Federal Categorical waste stream, the City will notify the IU to submit a baseline monitoring report.

Table 1-2 SIU Self-Monitoring Frequency				
Industry		Federal Categorical Standard	Description	Self - Monitoring Requirements
101	Micron Medical Products	40 CFR Part 433	Manufacturer of Medical Products	4/year
106	Advanced Coatings, Co.	40 CFR Part 414	Organic Chemical Manufacturer (OCPSF)	4/year
241	Utz Co., Inc. (Wachusett Potato Chip)	-	Manufacturer of potato chips	4/year
242	Wachusett Brewing Company	-	Brews beer	12/year
246	Select Engineering	40 CFR Part 433	Manufacturer of medical products	4/year
316	OMNOVA Solutions	40 CFR Part 414	OCPSF	4/year
366	Greif (Newark America)	40 CFR Part 430	Manufacturer of recycled graphic board	4/year
376	Fitchburg Westminster Landfill	-	Landfill	4/year

## 1.4 Compliance Status reporting for newly promulgated industries

There have been no newly promulgated industries added to the City's IPP during this reporting period. Should the ongoing Industrial Survey identify any newly promulgated industry or industrial process, the City will notify the IU to submit a Baseline monitoring report to comply with the appropriate regulations.

## 1.5 Reporting Requirements

The SIU self-monitoring reports have been submitted on time and contain the proper chain of custody sheets and proper certification. The City increased the self-monitoring reporting requirements for each SIU. Table 1-2 lists each SIU with its Federal category and self-monitoring reporting requirements. The City is using the Linkos<sup>®</sup> software for self and City compliance monitoring data management. The self-monitoring and City compliance reports are included in Appendix B.

## 1.6 SIU Compliance with Categorical Requirements/Local Limits

Table 1-3 indicates SIU Compliance with Federal Categorical and Local Limit requirements.

Table 1-3					
SIU Compliance with Industrial Permit Requirements					
Permit Number	Industry	Categorical User	Self-Monitoring	Categorical Standards	Permit Limits
101	Micron Medical Products	yes	yes	yes	yes
106	Advance Coatings Co.	yes	yes	yes	no
241	Utz Co. Inc. (Wachusett Potato Chip)	no	yes	N/A	no
242	Wachusett Brewing Company	no	yes	N/A	no
246	Select Engineering	yes	yes	yes	no
316	OMNOVA Solutions	yes	yes	yes	yes
366	Greif (Newark America)	yes	yes	yes	no
376	Fitchburg Westminster Landfill	no	yes	N/A	no

## 2.0 Compliance and Enforcement

### 2.1 Introduction

The City follows the USEPA approved Enforcement Response Plan (ERP) for enforcement actions. The ERP gives specific enforcement responses for violations of the IPP Regulations and the time frame for issuing enforcement action.

Essentially, three forms of compliance monitoring are used by the City as described below:

- User self-monitoring, conducted by the industry and reported to the City
- Compliance monitoring, conducted by the City as a check on self-monitoring
- SIU inspections, conducted by the City

As part of the compliance and enforcement activities, the City performed SIU compliance sampling and monitoring at the sampling location(s) specified in each SIU's Industrial Discharge Permit. The compliance monitoring is used to check self-monitoring report submittals and to make certain that the Industrial Discharge Permit Limits are being met. The City also performed compliance inspections at each of the SIUs' facilities to check for general conformance with the City's SUO, the IPP, and applicable federal pretreatment regulations.

The enforcement actions issued this reporting period were Notices of Violation to notify SIUs that Industrial Discharge Permit Limits were exceeded. The Industrial Discharge Permits require that each SIU conduct an immediate follow-up sampling when a violation of the Industrial Discharge Permit is detected. Typically, three (3) days of follow-up sampling are required to prove compliance and to try to keep the number of noncompliant samples much lower than the number of compliant samples as explained further in Section 3.

### 2.2 User Self-Monitoring

Each month, the SIUs are required to report the results of their self-monitoring on a form approved by the City and with the proper USEPA certification stating the sampling results are true, accurate and complete and the sampling and analysis are performed in accordance with 40 CFR

Part 136. The SIU self-monitoring reports are submitted with data attached. The reports from the SIUs have been on time, signed properly with the proper certification, are on the proper form and include the proper chain of custody sheets. Since the SIUs are now testing their wastewater discharge more frequently than in the past years, there has been more identifiable permit exceedances. A summary of the data is included in **Appendix B**.

## 2.3 Compliance Monitoring

The Compliance Monitoring at the SIUs is performed to verify the information submitted on self-monitoring reports. City IPP personnel collect samples at the location(s) specified in the SIU's industrial discharge permits. Compliance monitoring is unannounced unless an industry is a batch discharger and the City needs to be sure a batch discharge is available for monitoring, in which case, notification is given to the SIU. An outside laboratory, Con Test of East Longmeadow, Massachusetts, which has recently been acquired by Pace Analytical, assists the City with the annual compliance analysis.

All the sampling and analysis work performed was conducted with strict adherence to 40 CFR Part 136 for each of the permitted parameters. Table 2-1 indicates the dates that the City conducted compliance monitoring at each of the SIUs. A summary of the data is included in **Appendix B** and is shown for each SIU. The SIUs were found to be in compliance during the City's compliance sampling event

Table 2-1 City Compliance Monitoring		
Permit	Industry	Monitoring Date
101	Micron Medical Products	8/25/21
106	Advance Coatings	8/18/21
241	Utz Co. Inc. (Wachusett Potato Chip)	9/8/21
242	Wachusett Brewing Company	12/7/21
246	Select Engineering	8/11/21
316	OMNOVA Solutions	11/5/21
366	(Greif) Newark America	11/10/21
376	Fitchburg Westminster Landfill	11/16/21

## 2.4 SIU Inspections

All the SIUs were inspected on the dates shown in Table 2-2. The City conducts unannounced inspections at the SIUs. Raw materials, the manufacturing processes, storage of chemicals and waste materials are reviewed with the SIU during the inspection. In addition, the self-monitoring sampling procedures, calibration of pretreatment equipment and operational issues are discussed with the SIU. Due to COVID-19, the City's inspections were abbreviated and the focus was on wastewater discharges during this year's inspections. All the inspection information is maintained on the City's inspection forms as shown in **Appendix C**.

Table 2-2 Compliance Inspections		
Permit	Industry	Date of Inspection
101	Micron Medical Products	8/25/21
106	Advance Coatings	8/18/21
241	Utz Co. Inc. (Wachusett Potato Chip)	9/8/21
242	Wachusett Brewing Company	12/8/21
246	Select Engineering	8/11/21
316	OMNOVA Solutions	11/5/21
366	Greif (Newark America)	11/10/21
376	Fitchburg Westminster Landfill	11/17/21

## 2.5 Compliance Schedules

Compliance schedules are administered when SIUs are out of compliance with the IPP requirements or are in Significant Non-Compliance (SNC). Compliance Schedules are typically included in Administrative Orders with specific time frames to complete tasks to enable the SIU to return to compliance. The SIU is required to submit all required reporting data to the City by the milestone date or face potential further enforcement actions. The schedule is structured to

compel the SIU to be timely in responding to any enforcement response or action and return to compliance. There were no compliance schedules warranted or developed this reporting year. A compliance schedule is expected to be issued to Wachusett Brewing Company during the next reporting period for recent BOD, pH and TSS violations.

## 2.6 Notices of Violation

The City issued eight (8) Notices of Violations for industrial discharge permit exceedances and continues to work closely with the SIUs to be sure that the City is notified immediately by the SIU upon detection of a permit violation and make certain that follow-up sampling is conducted. Notices of Violation issued this reporting period can be found in **Appendix D** and are summarized below:

1. Advanced Coatings - 02/25/20 - exceeded permit limit for oil and grease.
2. Greif -3/31/21 - exceeded permit limit for TSS
3. Fitchburg Westminster Landfill - 11/15/21 - exceeded permit limit for copper and mercury
4. Select Engineering - 03/09/21 - exceeded permit limit for BOD
5. Utz - 09/08/21 - exceeded permit limit for BOD, TSS
6. Wachusett Brewing Company - 02/25/21- exceeded permit for pH, BOD and TSS
7. Wachusett Brewing Company - 04/12/21 - exceeded permit limit for pH, oil and grease, BOD and TSS
8. Wachusett Brewing Company - 06/14/21 - exceeded permit limit for pH, oil and grease, BOD and TSS

## **2.7 Administrative Orders**

No Administrative Orders were issued during this reporting year.

## **2.8 Criminal/Civil Suits**

No criminal or civil suits have been brought against any of the SIUs.

## **2.9 Penalties Obtained**

There were no penalties collected during this reporting year.



## 3.0 List of Significantly Violating Industries

### 3.1 Introduction

The Federal requirements provide for at least annually providing public notification of industrial users which during the previous 12 months were significantly violating applicable pretreatment requirements or Categorical standards. For the purpose of this provision, an SIU is in Significant Non-Compliance (SNC) if its violation meets one or more of the following criteria:

*A. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or more of all the measurements taken for the same pollutant parameter taken during a six- (6-) month period exceed (by any magnitude) a numeric Pretreatment Standard or Requirement, including Instantaneous Limits.*

*B. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33%) or more of wastewater measurements taken for each pollutant parameter during a six- (6-) month period equals or exceeds the product of the numeric Pretreatment Standard or Requirement including Instantaneous Limits, multiplied by the applicable criteria (1.4 for BOD, TSS, fats, oils and grease, and 1.2 for all other pollutants except pH);*

*C. Any other violation of a Pretreatment Standard or Requirement (Daily Maximum, long-term average, Instantaneous Limit, or narrative standard) that [the Superintendent] determines has caused, alone or in combination with other discharges, Interference or Pass Through, including endangering the health of POTW personnel or the general public;*

*D. Any discharge of a pollutant that has caused imminent endangerment to the public or to the environment, or has resulted in [the Superintendent's] exercise of its emergency authority to halt or prevent such a discharge;*

*E. Failure to meet, within ninety (90) days of the scheduled date, a compliance schedule milestone contained in an individual wastewater discharge permit [or a general permit {optional}] or enforcement order for starting construction, completing construction, or attaining final compliance;*

*F. Failure to provide within forty-five (45) days after the due date, any required reports, including baseline monitoring reports, reports on compliance with categorical Pretreatment Standard deadlines, periodic self-monitoring reports, and reports on compliance with compliance schedules;*

*G. Failure to accurately report noncompliance; or*

*H. Any other violation(s), which may include a violation of Best Management Practices, which [the Superintendent] determines will adversely affect the operation or implementation of the local pretreatment program.*

### **3.2 Significant Non-Compliance Evaluation**

In accordance with the Federal Requirements, the SNC evaluation has been performed in accordance with the following rolling reporting quarters schedule:

- I    October 1, 2020 – March 31, 2021**
- II    January 1, 2021 - June 30, 2021**
- III   April 1, 2021 – September 30, 2021**
- IV   July 1, 2021 – December 31, 2021**

The City revised the SNC quarters to align with the Annual Report reporting during the previous reporting year. Table 3-1 presents the SNC Evaluation. Those industries which have been in significant violation for one or more Significant noncompliance reporting quarters and were found to be in SNC for exceeding applicable discharge limits or failing to meet reporting requirements will be made available to the public through the largest circulated newspaper within the region in accordance with 40 CFR 403.8 (f)(2)(vii).

- **Quarter I – Advanced, Select Engineering, Wachusett Brewing Company**
- **Quarter II - Wachusett Brewing Company**
- **Quarter III - Wachusett Brewing Company**
- **Quarter IV - Fitchburg Westminster Landfill**

**Table 3-1  
Significant Non-Compliance Evaluation**

Permit Number	Industry	Federal Categorical Industry	I 10/1/20- 3/31/21	II 1/1/21- 6/30/21	III 4/1/2021- 9/30/21	IV 7/1/21- 12/31/21
101	Micron Medical Products	yes	Not in SNC	Not in SNC	Not in SNC	Not in SNC
106	Advance Coatings	yes	<b>SNC</b>	Not in SNC	Not in SNC	Not in SNC
241	Utz Co. Inc. (Wachusett Potato Chip Co.)	no	Not in SNC	Not in SNC	Not in SNC	Not in SNC
242	Wachusett Brewing Company	no	<b>SNC</b>	<b>SNC</b>	<b>SNC</b>	Not in SNC
246	Select Engineering	yes	<b>SNC</b>	Not in SNC	Not in SNC	Not in SNC
316	OMNOVA Solutions	yes	Not in SNC	Not in SNC	Not in SNC	Not in SNC
366	Greif (Newark America)	yes	Not in SNC	Not in SNC	Not in SNC	Not in SNC
376	Fitchburg Westminster Landfill	no	Not in SNC	Not in SNC	Not in SNC	<b>SNC</b>

Although Micron Medical Products had a violation for copper in Quarter 1, the City did not receive the sampling results at the WWTF due to COVID-19 restrictions and therefore Micron was not alerted to conduct three (3) days of follow-up sampling to keep it out of SNC. Micron is now in compliance for copper. At the City's discretion, Micron will not be published in SNC for this incident due to the City's COVID-related lack of communication.

**Appendix F** contains a Public Notice ready for publication of SNC in the area's largest circulating newspaper.

## 4.0 Pretreatment Program Effectiveness

### 4.1 Introduction

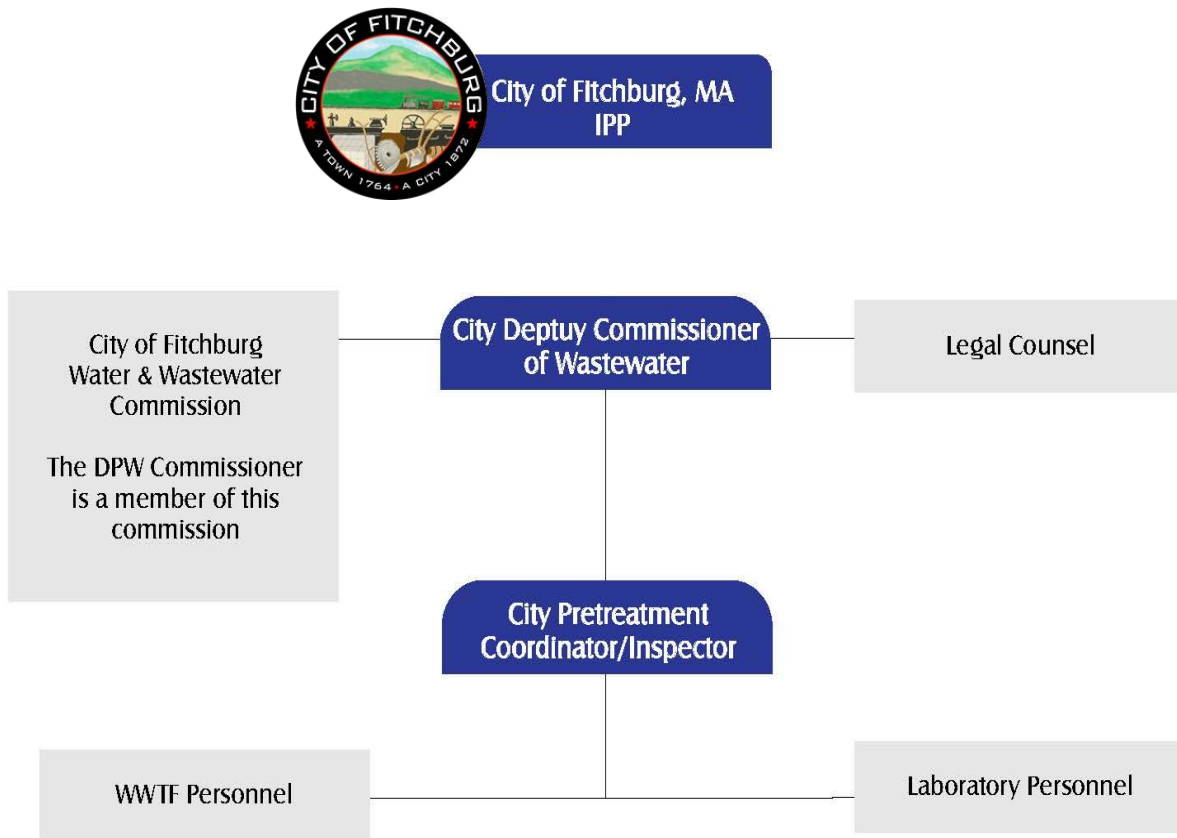
The overall administration of the City's IPP has been effective in protecting the WWTF, receiving waters and the health and welfare of the POTW personnel, as well as safeguarding the efficient operation of the East WWTF. The City continues and will continue to monitor the influent pollutant loadings closely throughout the year for MAHL exceedances. In addition, by reducing the amount of septage accepted at the WWTF, the City hopes to reduce the pollutant loadings reaching the WWTF.

### 4.2 Funding

Funding to properly administer the City's IPP and the use of laboratory sampling and analysis services has been provided by sewer rate revenue during this reporting year. It is expected that the City may require additional resources during the next reporting periods due to the expected additional monitoring of industrial users, influent, effluent and sludge for PFAS/PFOA compounds anticipated to be included in the new NPDES permit. Monitoring for PFAS/PFOA as part of the City's expected new NPDES permit requirements will require more resources for the IPP administration and the contract laboratory firm to conduct the additional WWTF and IU monitoring for these new contaminants.

### 4.3 Staffing

The City's IPP Coordinator utilizes technicians or staff for assistance with IPP Tasks, as necessary. The City collects all compliance monitoring samples and a contract laboratory company conducts the laboratory analysis. The City intends to continue to use the services of a consulting engineering firm for general IPP assistance, as needed. The consulting firm assists with self-monitoring report data analysis, conducting inspections, review of Enforcement Actions for the City's issuance and the preparation of the annual report. The City's current organization chart for the IPP is shown on the following page.



## 4.4 Computer Program – Data Management

The City continues to use Linkos<sup>R</sup> software for the compliance tracking associate with the IPP. The software calculates Significant noncompliance and has been useful to keep track of the self and City compliance monitoring reports.

The WWTF's performance is also tracked each month from Daily Monitoring Reports (DMRs). Priority pollutant scans are conducted in order to compare influent loadings to the Maximum Allowable Headworks Loading (MAHL) to be sure the MAHL is not exceeded as well as the Federal and State water quality standards, sludge standards and the NPDES permit limits. Quarterly toxicological data is also maintained in the database.

## **4.5 Ordinances, Regulations, and Rules**

The City's Sewer Use Ordinance (SUO) is in effect and provides the legal authority for the appropriate administration of the IPP. The City's Sewer Use Ordinance is currently contained in City Code 147-Sewers. The SUO was adopted by the City Council on December 18, 2020. There were no revisions or additions made to the SUO during this reporting period.

## **4.6 Statutory Authority**

The City's Statutory Authority originates from the Clean Water Act, the approved IPP, and the City's SUO.

## 5.0 WWTF Sampling Program

### 5.1 Introduction

The City conducted the required annual priority pollutant monitoring at the East WWTF as well as additional quarterly pollutant sampling. The City collects the samples and laboratory analysis is conducted by the independent laboratory, Con-Test of East Longmeadow, Massachusetts, now Pace Analytical.

This WWTF data is used to evaluate the effectiveness of the IPP to manage the influent loads to the East WWTF and to determine how well the WWTF is removing pollutants of concern for NPDES effluent permit limits and water quality compliance. The sludge is analyzed to check on compliance with applicable Federal 503 sludge disposal criteria.

The following parameters are sampled for at least annually at the influent, effluent and sludge.

- |                       |                               |
|-----------------------|-------------------------------|
| • Aluminum            | • Selenium                    |
| • Antimony            | • Silver                      |
| • Arsenic             | • Thallium                    |
| • Beryllium           | • Zinc                        |
| • Cadmium             | • Cyanide                     |
| • Chromium            | • Oil and grease              |
| • Chromium Hexavalent | • TSS                         |
| • Copper              | • BOD <sub>5</sub>            |
| • Lead                | • Phosphorus                  |
| • Mercury             | • Sulfide                     |
| • Molybdenum          | • Nitrogen Ammonia            |
| • Nickel              | • TTOs – Method 624, 625, 608 |

Flow, temperature and pH were checked during the annual sampling event and are also checked daily by the WWTF personnel.

## 5.2 Sampling at the WWTF

The City conducted the required annual sampling at the influent, effluent and sludge for priority pollutants including metals and Method 624, 625 and 608 volatile and semi-volatile pollutants. The City monitors for BOD<sub>5</sub>, TSS, phosphorus and ammonia and other NPDES effluent limits on a more regular basis as part of the Daily Monitoring Reporting (DMR) and has an extensive data base for these pollutants. **Appendix G** presents a summary of the analytical data for the influent, effluent and sludge and the check for MAHL exceedances and effluent water quality criteria exceedances.

The WWTF monitoring results indicate that the newly published MAHLs were exceeded for aluminum, cadmium, copper, cyanide, zinc, BOD, TSS and phosphorus at least once over this reporting period. When the City reduced the septage treated at the WWTF in August 2021, the MAHL exceedances for these parameters were reduced in the subsequent quarterly samples. The City will continue to monitor the MAHLs closely with quarterly rather than annual only influent sampling to quantify the benefit of reducing the quantity of septage treated.

The City has passed whole effluent toxicity tests and is in compliance with the USEPA's regulatory levels for the Toxicity Characteristic Leaching Procedure (TCLP) for the City's current sludge disposal practices.



## 6.0 Interference and Pass-Through

### 6.1 Introduction

Interference is defined as a discharge by an industrial user which, alone or in conjunction with discharges by other sources inhibits or disrupts the POTW, its treatment process or processes, use or disposal and which is a cause of violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal by the POTW in accordance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including state regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the SWDA), the Clean Water Act, the Toxic Substances Control Act, and the Marine Protection Research and Sanctuaries Act. The City has indicated were no instances of interference.

Pass-through is defined as a Discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation). The City had Maximum Daily exceedances in the months of January and April – September 2021 for BOD and TSS when the more stringent NPDES permit limits are in force. These exceedances correlate with either a wet weather bypass at the WWTF or a large quantity of septage treated at the WWTF or both. The City has reduced the number and length of the wet weather bypasses through its aggressive combined sewer separation program. In addition, the City greatly reduced the quantity of septage taken at the WWTF in August 2021 to reduce these instances and has not had a Maximum Daily exceedance since September 1, 2021 for BOD or TSS. The Average monthly and average weekly limit for BOD and TSS have all been in compliance with NPDES permit limits and the City WWTF personnel indicate that all other permit parameters have been in compliance.

## **7.0 Investigation into Interference and Pass-Through**

### **7.1 Introduction**

The City reviews the DMRs kept for the WWTF to try to understand when the Maximum Daily BOD and TSS exceedances occurred. The City also keeps daily records of the amount of septage received and treated at the WWTF each day.

### **7.2 Investigation into Interference/Pass-Through**

It is clear that maximum daily BOD and TSS exceedances occurred during bypass operations when wet weather flows were high to the WWTF or when the City took in large quantities of septage. The City's ongoing sewer separation program should continue to reduce the number of the maximum daily exceedances. The City expects that the reduction of septage taken at the WWTF should also help reduce the influent pollutant loads and will monitor this situation closely.

## **8.0 Monitoring and Inspection for Interference/ Pass-Through**

### **8.1 Introduction**

The City has increased the amount of sampling at the East WWTF from annual to quarterly sampling to identify instances of interference more readily and pass-through and to monitor MAHL exceedances. There was no sewer collection system monitoring performed. The IPP Coordinator will also work closely with the WWTF staff to obtain DMR data that may prove an instance has occurred so it may be documented.

In addition, the City intends to require updated Slug Discharge Plans from those SIUs with the possibility of discharging high organic loads to the City. The City has also required monthly self-monitoring from Wachusett Brewing Company to provide a more complete picture of wastewater discharges from this user.

## **9.0 Actions taken to reduce Significant Non-Compliance**

### **9.1 Introduction**

The City continues to work diligently on its relationships with each of the SIU's primary contact personnel to make certain that any slug or abnormal discharge is reported immediately to the IPP Coordinator. Concurrently, the City works closely with the SIUs and instructs the SIUs on the number of additional samples that should be taken should a SIU have a violation, to keep the noncompliant sample percentage low and the SIU out of SNC.

The newly issued Industrial Discharge Permits require more frequent self-monitoring reporting requirement from semi-annual self-monitoring to quarterly monitoring and monthly for Wachusett Brewing Company. This will allow the City to have more samples to evaluate compliance with Industrial Discharge Permit effluent limits.

### **9.2 City of Fitchburg**

The City has focused on several items to reduce the instances of Non-Compliance at the SIUs during this reporting period:

- Immediate communication in the form of email or telephone calls to the IPP Coordinator from the SIUs should a permit exceedance be detected as soon as self-monitoring results are received from the laboratory.
- Timely notification to SIUs of three-day (3) follow-up sampling, should a violation be detected.
- Require an updated Slug Control Plan to be submitted by those SIUs with the largest permitted organic loading, as necessary.

## 10.0 Notification of Changes to the IPP

### 10.1 Introduction

There have been no significant modifications to the IPP. Rand-Whitney has moved out of the City on May 21, 2021 and Wachusett Brewing Company is permitted as and SIU in December 2020. Wachusett was issued a two (2) year Industrial Discharge permit.

Select Engineering was given additional BOD loading in the most recent Industrial Discharge Permit issued, however, the BOD allocated to Select Engineering will not exceed the City's MAIL and therefore is not a significant modification. The City is not currently under a Federal or State compliance schedule for the IPP.

The City increased the self-monitoring reporting requirements for each SIU from semi-annual to quarterly with the exception of Wachusett Brewing Company which has a monthly self-monitoring reporting requirement.

# **APPENDIX A**

## **Annual Report Summary**

## EPA Region 1 Annual Pretreatment Report Summary Sheet 2021

POTW Name:

City of Fitchburg WWTF East

NPDES Permit #:

MA0100986

Pretreatment Report Period Start Date:

1/1/2021

Pretreatment Report Period End Date:

12/31/2021

# of Significant Industrial Users (SIUs):

8

# of SIUs Without Control Mechanisms:

0

# of SIUs not Inspected:

0

# of SIUs not Sampled:

0

# of SIUs in Significant Noncompliance (SNS)  
With Pretreatment Standards:

6

# of SIUs in SNC with Reporting  
Requirements:

0

# of SIUs in SNC with Pretreatment  
Compliance Schedule:

0

# of SIUs in SNC Published in Newspaper:

0

# of SIUs with Compliance Schedules:

0

# of Violation Notices Issued to SIUs:

8

# of Administrative Orders Issued to SIUs:

0

# of Civil Suits Filed Against SIUs:

0

# of Criminal Suits Filed Against SIUs:

0

# of Categorical Industrial Users (CIUs):

5

# of CIUs in SNC:

0

Penalties

Total Dollar Amount of Penalties Collected

\$ 0

# of IUs from which Penalties have been collected:

N/A

Local LimitsDate of Most Recent Technical  
Evaluation of Local Limits:

August 2019

Date of Most Recent Adoption of  
Technically Based Local Limits:

December 18, 2020

Parameter	MAHL (lbs./day)	MAIL (lbs./day)
<b>Metals</b>		
Aluminum	79.5	39.9
Arsenic	7.20	0.664
Cadmium	0.0570	0.0132
Chromium	72.0	61.9
Copper	5.31	0.185
Lead	0.859	0.293
Mercury	0.0106	0.00326
Nickel	4.82	3.95
Selenium	1.25	0.943
Silver	0.478	0.409
Zinc	18.10	4.49
Chromium VI	10.0	8.72
<b>Other</b>		
Ammonia <sup>1</sup>	4,596	1,859
BOD	21,600	8,584
TSS	33,960	6,960
Total Phosphorus	294	10.7
Cyanide	2.65	2.029



**APPENDIX B**

**SIU SMR/Compliance**

**Monitoring Reports**

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
Compliance Results Report - by Parameter

Report Period: 01/01/2021 to 12/31/2021

Permit: **106**  
Permittee: **Advance Coatings Company**  
Location: 42 Depot Road , Westminster, MA 01473

**1,1,1-Trichloroethane**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.40		3.40	3.4			.0000		0.0002
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0002
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0002
Total Concentration Results: 5		Avg: 13.0800	Min: 2.0000	Max: 20.0000										
Total Mass Results: 5		Avg: .0000	Min: .0000	Max: .0000										

**1,1,2-Trichloroethane**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0004
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0004
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.00		3.00	3			.0000		0.0004
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0004
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0004
Total Concentration Results: 5		Avg: 13.0000	Min: 2.0000	Max: 20.0000										
Total Mass Results: 5		Avg: .0000	Min: .0000	Max: .0000										

**1,1-Dichloroethane**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0002

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

### 1,1-Dichloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.20		3.20	3.2			.0000		0.0002
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0002
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0002
Total Concentration Results: <u>5</u>		Avg: <u>13.0400</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### 1,1-Dichloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.20		3.20	3.2			.0000		0.0002
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0002
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0002
Total Concentration Results: <u>5</u>		Avg: <u>13.0400</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### 1,2,4- Trichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.26		1.26	1.26			.0000		0.0026
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0026
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<20		20	20			.0000		0.0026
Total Concentration Results: <u>5</u>		Avg: <u>16.2520</u>		Min: <u>1.2600</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## 1,2-Dichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.00		2.00	2			.0000		0.0026
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0026
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<20		20	20			.0000		0.0026
Total Concentration Results: <u>5</u>		Avg: <u>16.4000</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## 1,2-Dichloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0019
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0019
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<6.40		6.40	6.4			.0000		0.0019
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0019
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0019
Total Concentration Results: <u>5</u>		Avg: <u>13.6800</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## 1,2-Dichloropropane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.60		3.60	3.6			.0000		0.0026
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0026
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0026

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## 1,2-Dichloropropane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>13.1200</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## 1,3- Dichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.80		1.80	1.8			.0000		0.0013
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0013
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<20		20	20			.0000		0.0013
Total Concentration Results: <u>5</u>		Avg: <u>16.3600</u>		Min: <u>1.8000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## 1,4- Dichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.20		2.20	2.2			.0000		0.0013
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0013
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<20		20	20			.0000		0.0013
Total Concentration Results: <u>5</u>		Avg: <u>16.4400</u>		Min: <u>2.2000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

Permit: **106**  
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## 2-Nitrophenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0008
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0008
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.43		2.43	2.43			.0000		0.0008
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0008
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<5		5	5			.0000		0.0008
Total Concentration Results: <u>5</u>		Avg: <u>13.4860</u>		Min: <u>2.4300</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## 4,6-dinitro-2-methylphenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0009
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0009
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<33.7		33.7	33.7			.0001		0.0009
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0009
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<5		5	5			.0000		0.0009
Total Concentration Results: <u>5</u>		Avg: <u>19.7400</u>		Min: <u>5.0000</u>		Max: <u>33.7000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

## 4-Nitrophenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0019
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0019
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<10.6		10.6	10.6			.0000		0.0019
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<200		200	200			.0003		0.0019
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<100		100	100			.0002		0.0019

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#### 4-Nitrophenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>70.1200</u>		Min: <u>10.6000</u>		Max: <u>200.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0003</u>								

#### Acenaphthene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.72		1.72	1.72			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.4440</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

#### Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.05		0.05	0.05			.0001		0.0067
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	0.43			0.43			.0011		0.0067
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.05		0.05	0.05			.0001		0.0067
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	0.362			0.362			.0006		0.0067
Total Concentration Results: <u>4</u>		Avg: <u>.2230</u>		Min: <u>.0500</u>		Max: <u>.4300</u>								
Total Mass Results: <u>4</u>		Avg: <u>.0005</u>		Min: <u>.0001</u>		Max: <u>.0011</u>								

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## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.02		0.02	0.02			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	nd		0.30	0.3			.0008		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.2		0.2	0.2			.0003		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<0.02		0.02	0.02			.0000		
Total Concentration Results: <u>4</u>		Avg: <u>.1350</u>	Min: <u>.0200</u>	Max: <u>.3000</u>										
Total Mass Results: <u>4</u>		Avg: <u>.0003</u>	Min: <u>.0000</u>	Max: <u>.0008</u>										

## Anthracene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.03		2.03	2.03			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.5060</u>	Min: <u>.5000</u>	Max: <u>20.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>	Min: <u>.0000</u>	Max: <u>.0000</u>										

## Benzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0004
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0004
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.60		2.60	2.6			.0000		0.0004
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0004
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0004
Total Concentration Results: <u>5</u>		Avg: <u>12.9200</u>	Min: <u>2.0000</u>	Max: <u>20.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>	Min: <u>.0000</u>	Max: <u>.0000</u>										



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### bis (2-Ethylhexyl) phthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00086
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00086
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<4.74		4.74	4.74			.0000		0.00086
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00086
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00086
Total Concentration Results: <u>5</u>		Avg: <u>13.0480</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	99			99			.1651		300
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	3940			3940			6.5719		300
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	>18000		6000	18000			45.0360		300
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	91200			91200			152.1216		300
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	80.56			80.56			.1344		300
Total Concentration Results: <u>5</u>		Avg: <u>22663.9120</u>		Min: <u>80.5600</u>		Max: <u>91200.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>40.8058</u>		Min: <u>.1344</u>		Max: <u>152.1216</u>								

### Cadmium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	0.0098			0.0098			.0000		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.01		0.01	0.01			.0000		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<0.01		0.01	0.01			.0000		

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### Cadmium, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>		Min: <u>.0098</u>		Max: <u>.0100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### Carbon Tetrachloride

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.40		3.40	3.4			.0000		0.0013
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0013
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0013
Total Concentration Results: <u>5</u>		Avg: <u>13.0800</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### Chlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.60		1.60	1.6			.0000		0.0013
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0013
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0013
Total Concentration Results: <u>5</u>		Avg: <u>12.7200</u>		Min: <u>1.6000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

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## Chloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0010
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<100		100	100			.0002		0.0010
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<7.40		7.40	7.4			.0000		0.0010
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0010
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0010
Total Concentration Results: <u>5</u>		Avg: <u>29.8800</u>		Min: <u>2.0000</u>		Max: <u>100.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

## Chloroform

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0011
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0011
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.80		3.80	3.8			.0000		0.0011
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0011
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0011
Total Concentration Results: <u>5</u>		Avg: <u>13.1600</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Chloromethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0010
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0010
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<7.40		7.40	7.4			.0000		0.0010
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0010
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0010

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### Chloromethane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: 13.8800		Min: 2.0000		Max: 20.0000								
Total Mass Results: 5		Avg: .0000		Min: .0000		Max: .0000								

### Chromium (VI)

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	mg/L	<.02		0.02	0.02			.0000		
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	mg/L	<.02		0.02	0.02			.0000		
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	mg/L	nd		0.0040	0.004			.0000		
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	mg/L	<0.02		0.02	0.02			.0000		
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	mg/L	<0.02		0.02	0.02			.0000		
Total Concentration Results: <u>5</u>		Avg: <u>.0168</u>		Min: <u>.0040</u>		Max: <u>.0200</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### Chromium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	nd		0.010	0.01			.0000		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.01		0.01	0.01			.0000		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<0.01		0.01	0.01			.0000		
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>		Min: <u>.0100</u>		Max: <u>.0100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

### cis-1,3-Dichloropropene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.40		2.40	2.4			.0000		0.0026
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0026
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0026
Total Concentration Results: <u>5</u>		Avg: <u>12.8800</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.02			0.02			.0000		0.0006
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		0.0006
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	0.043			0.043			.0001		0.0006
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.01		0.01	0.01			.0000		0.0006
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	0.011			0.011			.0000		0.0006
Total Concentration Results: <u>5</u>		Avg: <u>.0188</u>		Min: <u>.0100</u>		Max: <u>.0430</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

### Cyanide, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	mg/L	<.01		0.01	0.01		1.20	.0000		0.004
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	mg/L	<.02		0.02	0.02		1.20	.0000		0.004
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	mg/L	<0.02		0.02	0.02		1.20	.0000		0.004
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	mg/L	<0.02		0.02	0.02		1.20	.0000		0.004
Total Concentration Results: <u>4</u>		Avg: <u>.0175</u>		Min: <u>.0100</u>		Max: <u>.0200</u>								
Total Mass Results: <u>4</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## Diethylphthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00038
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00038
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.47		2.47	2.47			.0000		0.00038
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00038
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00038
Total Concentration Results: <u>5</u>		Avg: <u>12.5940</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Dimethylphthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.06		2.06	2.06			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.5120</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Di-n-butylphthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00014
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00014
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.55		2.55	2.55			.0000		0.00014
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00014
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00014

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## Di-n-butylphthalate

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: 12.6100		Min: .5000		Max: 20.0000								
Total Mass Results: 5		Avg: .0000		Min: .0000		Max: .0000								

## Ethylbenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.80		1.80	1.8			.0000		0.0013
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0013
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0013
Total Concentration Results: <u>5</u>		Avg: <u>12.7600</u>		Min: <u>1.8000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	gpd	200			200		400			
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	gpd	300			300		400			
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	gpd	200			200		400			
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	gpd	200			200		400			
Total Concentration Results: <u>4</u>		Avg: <u>225.0000</u>		Min: <u>200.0000</u>		Max: <u>300.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

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## Fluorene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.14		2.14	2.14			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.5280</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Fluoroanthene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00018
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00018
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.90		1.90	1.9			.0000		0.00018
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00018
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00018
Total Concentration Results: <u>5</u>		Avg: <u>12.4800</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Hexachlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.87		1.87	1.87			.0000		0.0026
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0026
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<20		20	20			.0000		0.0026



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### Hexachlorobenzene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: 16.3740		Min: 1.8700		Max: 20.0000								
Total Mass Results: 5		Avg: .0000		Min: .0000		Max: .0000								

### Hexachlorobutadiene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0013
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<21.6		21.6	21.6			.0001		0.0013
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0013
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.0013
Total Concentration Results: <u>5</u>		Avg: <u>16.4200</u>		Min: <u>.5000</u>		Max: <u>21.6000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

### Hexachloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0026
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.58		1.58	1.58			.0000		0.0026
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0026
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<20		20	20			.0000		0.0026
Total Concentration Results: <u>5</u>		Avg: <u>16.3160</u>		Min: <u>1.5800</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

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## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	<.01		0.01	0.01		0.69	.0000		0.0023
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01		0.69	.0000		0.0023
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	nd		0.010	0.01		0.69	.0000		0.0023
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.01		0.01	0.01		0.69	.0000		0.0023
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<0.01		0.01	0.01		0.69	.0000		0.0023
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>	Min: <u>.0100</u>	Max: <u>.0100</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>	Min: <u>.0000</u>	Max: <u>.0000</u>										

## Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.0001		0.0001	0.0001			.0000		0.000002
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	nd		0.0020	0.002			.0000		0.000002
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.001		0.001	0.001			.0000		0.000002
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<.0001		0.0001	0.0001			.0000		0.000002
Total Concentration Results: <u>4</u>		Avg: <u>.0008</u>	Min: <u>.0001</u>	Max: <u>.0020</u>										
Total Mass Results: <u>4</u>		Avg: <u>.0000</u>	Min: <u>.0000</u>	Max: <u>.0000</u>										

## Methylene Chloride

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<100		50	100			.0002		0.0006
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<100		100	100			.0002		0.0006
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<6.00		6.00	6			.0000		0.0006
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0006
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<10		10	10			.0000		0.0006
Total Concentration Results: <u>5</u>		Avg: <u>47.2000</u>	Min: <u>6.0000</u>	Max: <u>100.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>	Min: <u>.0000</u>	Max: <u>.0002</u>										

Permit: **106**  
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## Naphthalene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<1.52		1.52	1.52			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.4040</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Nickel, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	0.040			0.040			.0001		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	0.021			0.021			.0000		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	0.026			0.026			.0000		
Total Concentration Results: <u>5</u>		Avg: <u>.0214</u>		Min: <u>.0100</u>		Max: <u>.0400</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

## Nitrobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0214
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0214
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.72		2.72	2.72			.0000		0.0214
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0214
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.0214

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## Nitrobenzene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: 12.6440		Min: .5000		Max: 20.0000								
Total Mass Results: 5		Avg: .0000		Min: .0000		Max: .0000								

## Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	mg/L	238			238	D T	100			
Resample_1_O&G_for_NOV-4		001	GRAB	05-14-2021	mg/L	<5		5	5		100			
Resample_2_O&G_for_NOV-4		001	GRAB	06-01-2021	mg/L	24.1			24.1		100			
Resample_3_O&G_for_NOV-4		001	GRAB	06-16-2021	mg/L	<5		5	5		100			
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	mg/L	<5		5	5		100			
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	mg/L	nd		1.4	1.4		100			
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	mg/L	<5		5	5		100			
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	mg/L	32.9			32.9		100			
Total Concentration Results: <u>8</u>		Avg: <u>39.5500</u>		Min: <u>1.4000</u>		Max: <u>238.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	SU	6.71			6.71		5.5-11.0			
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	SU	5.53			5.53		5.5-11.0			
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	SU	6.19			6.19		5.5-11.0			
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	SU	5.8			5.8		5.5-11.0			
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	SU	7.04			7.04		5.5-11.0			
Total Concentration Results: <u>5</u>		Avg: <u>6.2540</u>		Min: <u>5.5300</u>		Max: <u>7.0400</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## Phenanthrene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.04		2.04	2.04			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.5080</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	1.5			1.5			.0038		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	3.74			3.74			.0062		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	1.64			1.64			.0027		
Total Concentration Results: <u>4</u>		Avg: <u>1.7225</u>		Min: <u>.0100</u>		Max: <u>3.7400</u>								
Total Mass Results: <u>4</u>		Avg: <u>.0032</u>		Min: <u>.0000</u>		Max: <u>.0062</u>								

## Pyrene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.00016
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<2.43		2.43	2.43			.0000		0.00016
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.00016
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<.5		0.5	0.5			.0000		0.00016
Total Concentration Results: <u>5</u>		Avg: <u>12.5860</u>		Min: <u>.5000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## Selenium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	0.72			0.72			.0018		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.01		0.01	0.01			.0000		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<0.01		0.01	0.01			.0000		
Total Concentration Results: <u>4</u>		Avg: <u>.1875</u>	Min: <u>.0100</u>	Max: <u>.7200</u>										
Total Mass Results: <u>4</u>		Avg: <u>.0005</u>	Min: <u>.0000</u>	Max: <u>.0018</u>										

## Silver, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01			.0000		
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	nd		0.50	0.5			.0013		
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	<0.01		0.01	0.01			.0000		
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	<0.01		0.01	0.01			.0000		
Total Concentration Results: <u>5</u>		Avg: <u>.1080</u>	Min: <u>.0100</u>	Max: <u>.5000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>	Min: <u>.0000</u>	Max: <u>.0013</u>										

## Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	c	18			18		65			
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	c	23.8			23.8		65			
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	c	27.2			27.2		65			
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	c	21			21		65			
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	c	16			16		65			
Total Concentration Results: <u>5</u>		Avg: <u>21.2000</u>	Min: <u>16.0000</u>	Max: <u>27.2000</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## Tetrachloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0005
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0005
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<4.00		4.00	4			.0000		0.0005
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0005
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0005
Total Concentration Results: <u>5</u>		Avg: <u>13.2000</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Toluene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	5.20			5.20			.0000		0.0002
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0002
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0002
Total Concentration Results: <u>5</u>		Avg: <u>13.4400</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## trans-1,2-Dichloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.40		3.40	3.4			.0000		0.0002
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0002
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0002

Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

### trans-1,2-Dichloroethene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>13.0800</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### Trichloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0002
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<3.60		3.60	3.6			.0000		0.0002
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0002
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0002
Total Concentration Results: <u>5</u>		Avg: <u>13.1200</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

### TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	15			15			.0250		2
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<4		4	4			.0067		2
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	16			16			.0400		2
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	15			15			.0250		2
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	5			5			.0083		2
Total Concentration Results: <u>5</u>		Avg: <u>11.0000</u>		Min: <u>4.0000</u>		Max: <u>16.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0210</u>		Min: <u>.0067</u>		Max: <u>.0400</u>								



Permit: **106**  
 Permittee: **Advance Coatings Company**  
 Location: **42 Depot Road , Westminster, MA 01473**

## Vinyl Chloride

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	ug/L	<20		20	20			.0000		0.0006
Advance_2nd_qtr_2021-smr	IU	001	GRAB	06-17-2021	ug/L	<20		20	20			.0000		0.0006
Advance_2021-Annual_sampli	A	001	GRAB	08-18-2021	ug/L	<4.00		4.00	4			.0000		0.0006
Advance_3rd_QTR_2021-smr	IU	001	GRAB	08-24-2021	ug/L	<20		20	20			.0000		0.0006
Advance_4th_QTR_2021-smr	IU	001	GRAB	12-30-2021	ug/L	<2		2	2			.0000		0.0006
Total Concentration Results: <u>5</u>		Avg: <u>13.2000</u>		Min: <u>2.0000</u>		Max: <u>20.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>		Min: <u>.0000</u>		Max: <u>.0000</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Advance_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.089			0.089		2.61	.0001		0.00871
Advance_2nd_qtr_2021-smr	IU	001	COMP	06-17-2021	mg/L	<.01		0.01	0.01		2.61	.0000		0.00871
Advance_2021-Annual_sampli	A	001	COMP	08-18-2021	mg/L	nd		0.010	0.01		2.61	.0000		0.00871
Advance_3rd_QTR_2021-smr	IU	001	COMP	08-24-2021	mg/L	0.093			0.093		2.61	.0002		0.00871
Advance_4th_QTR_2021-smr	IU	001	COMP	12-30-2021	mg/L	0.023			0.023		2.61	.0000		0.00871
Total Concentration Results: <u>5</u>		Avg: <u>.0450</u>		Min: <u>.0100</u>		Max: <u>.0930</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: **101 Fitchburg Road , Westminster, MA 01473**

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample_Al_23_for_NOV-9/3		001	24	01-04-2021	mg/L	0.96			0.96		1			
resample_Al_24_for_NOV-9/3		001	24	01-07-2021	mg/L	0.80			0.80		1			

Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: **101 Fitchburg Road , Westminster, MA 01473**

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample_AI_25_for_NOV-9/3		001	24	01-11-2021	mg/L	0.76			0.76		1			
resample_AI_26_for_NOV-9/3		001	24	01-14-2021	mg/L	0.88			0.88		1			
resample_AI_27_for_NOV-9/3		001	24	01-19-2021	mg/L	1.1			1.1	D	1			
resample_AI_28_for_NOV-9/3		001	24	01-21-2021	mg/L	0.70			0.70		1			
resample_AI_29_for_NOV-9/3		001	24	01-25-2021	mg/L	0.70			0.70		1			
resample_AI_30_for_NOV-9/3		001	24	01-28-2021	mg/L	0.83			0.83		1			
resample_AI_31_for_NOV-9/3		001	COMP	02-01-2021	mg/L	0.99			0.99			.5279		5.0
resample_AI_32_for_NOV-9/3		001	COMP	02-05-2021	mg/L	1.0			1.0			.5175		5.0
resample_AI_33_for_NOV-9/3		001	COMP	02-08-2021	mg/L	1.1			1.1			.5693		5.0
Landfill_1st_Qtr_2021-smr	IU	001	COMP	02-11-2021	mg/L	1.0			1.0			.4553		5.0
resample_AI_34_for_NOV-9/3		001	COMP	02-12-2021	mg/L	1.1			1.1			.1337		5.0
resample_AI_35_for_NOV-9/3		001	COMP	02-16-2021	mg/L	1.1			1.1			.9013		5.0
resample_AI_36_for_NOV-9/3		001	COMP	02-18-2021	mg/L	0.71			0.71			.4036		5.0
resample_AI_37_for_NOV-9/3		001	COMP	02-23-2021	mg/L	0.88			0.88			.5270		5.0
resample_AI_38_for_NOV-9/3		001	COMP	02-26-2021	mg/L	0.65			0.65			.6163		5.0
resample_AI_39_for_NOV-9/3		001	COMP	03-02-2021	mg/L	0.63			0.63			1.0826		5.0
resample_AI_40_for_NOV-9/3		001	COMP	03-04-2021	mg/L	0.66			0.66			.6274		5.0
resample_AI_41_for_NOV-9/3		001	COMP	03-09-2021	mg/L	0.81			0.81			.4727		5.0
resample_AI_42_for_NOV-9/3		001	COMP	03-12-2021	mg/L	0.53			0.53			.4756		5.0
resample_AI_43_for_NOV-9/3		001	COMP	03-15-2021	mg/L	0.86			0.86			.6649		5.0
resample_AI_44_for_NOV-9/3		001	COMP	03-18-2021	mg/L	0.65			0.65			.4003		5.0
resample_AI_45_for_NOV-9/3		001	COMP	03-22-2021	mg/L	0.78			0.78			.4424		5.0
resample_AI_46_for_NOV-9/3		001	COMP	03-24-2021	mg/L	0.83			0.83			.5211		5.0
resample_AI_47_for_NOV-9/3		001	COMP	03-29-2021	mg/L	0.85			0.85			.3460		5.0
resample_AI_48_for_NOV-9/3		001	COMP	03-31-2021	mg/L	0.82			0.82			.4886		5.0
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	1.2			1.2			.6271		5.0
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	1.2			1.2			.6103		5.0
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.53			0.53			.8567		5.0
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.71			0.71			.8539		5.0
Total Concentration Results: <u>31</u>		Avg: <u>.8490</u>		Min: <u>.5300</u>		Max: <u>1.2000</u>								
Total Mass Results: <u>23</u>		Avg: <u>.5705</u>		Min: <u>.1337</u>		Max: <u>1.0826</u>								

Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: **101 Fitchburg Road , Westminster, MA 01473**

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	1640			1640			746.6602		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	1100			1100			574.8428		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	1660			1660			844.2730		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	832			832			1344.8243		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	990			990			1190.6843		
Total Concentration Results: <u>5</u>		Avg: <u>1244.4000</u>		Min: <u>832.0000</u>		Max: <u>1660.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>940.2569</u>		Min: <u>574.8428</u>		Max: <u>1344.8243</u>								

## Arsenic, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.26			0.26			.1184		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.22			0.22			.1150		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.26			0.26			.1322		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.12			0.12			.1940		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.210			0.210			.2526		
Total Concentration Results: <u>5</u>		Avg: <u>.2140</u>		Min: <u>.1200</u>		Max: <u>.2600</u>								
Total Mass Results: <u>5</u>		Avg: <u>.1624</u>		Min: <u>.1150</u>		Max: <u>.2526</u>								

## BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	739			739			336.4524		1,000
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	359			359			187.6078		1,000
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	678			678			344.8296		1,000
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	256			256			413.7921		1,000
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	370			370			445.0032		1,000

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## **BOD-5**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: 480.4000		Min: 256.0000		Max: 739.0000								
Total Mass Results: 5		Avg: 345.5370		Min: 187.6078		Max: 445.0032								

## **Cadmium, Total**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.0020			0.0020			.0009		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	<0.0020		0.0020	0.002			.0010		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	20.8			20.8			10.5788		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	<.0020		0.0020	0.002			.0032		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	nd		0.20	0.2			.2405		
Total Concentration Results: <u>5</u>		Avg: <u>4.2012</u>		Min: <u>.0020</u>		Max: <u>20.8000</u>								
Total Mass Results: <u>5</u>		Avg: <u>2.1649</u>		Min: <u>.0009</u>		Max: <u>10.5788</u>								

## **Chromium (VI)**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	GRAB	02-11-2021	mg/L	0.040			0.040			.0182		
Landfill_2nd_Qtr_2021-smr	IU	001	GRAB	05-18-2021	mg/L	0.020			0.020			.0105		
Landfill_3rd_QTR_2021-smr	IU	001	GRAB	08-09-2021	mg/L	<.10		0.10	0.1			.0509		
Landfill_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	mg/L	<.40		0.40	0.4			.6466		
Landfill_2021_Annual_Sampli	A	001	GRAB	11-17-2021	mg/L	nd		0.040	0.04			.0481		
Total Concentration Results: <u>5</u>		Avg: <u>.1200</u>		Min: <u>.0200</u>		Max: <u>.4000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.1549</u>		Min: <u>.0105</u>		Max: <u>.6466</u>								

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### Chromium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.62			0.62			.2823		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.50			0.50			.2613		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.55			0.55			.2797		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.26			0.26			.4203		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.410			0.410			.4931		
Total Concentration Results: <u>5</u>		Avg: <u>.4680</u>	Min: <u>.2600</u>	Max: <u>.6200</u>										
Total Mass Results: <u>5</u>		Avg: <u>.3473</u>	Min: <u>.2613</u>	Max: <u>.4931</u>										

### Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.037			0.037			.0168		0.07
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.048			0.048			.0251		0.07
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.037			0.037			.0188		0.07
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.057			0.057			.0921	D T	0.07
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.085			0.085			.1022	D T	0.07
Total Concentration Results: <u>5</u>		Avg: <u>.0528</u>	Min: <u>.0370</u>	Max: <u>.0850</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0510</u>	Min: <u>.0168</u>	Max: <u>.1022</u>										

### Cyanide, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.012			0.012			.0055		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.026			0.026			.0136		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.041			0.041			.0209		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.059			0.059			.0954		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	nd		0.0010	0.001			.0012		

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## Cyanide, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.0278</u>		Min: <u>.0010</u>		Max: <u>.0590</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0273</u>		Min: <u>.0012</u>		Max: <u>.0954</u>								

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample_AI_23_for_NOV-9/3		001	COMP	01-04-2021	gpd	118186			118186		300,000			
resample_AI_24_for_NOV-9/3		001	COMP	01-07-2021	gpd	114600			114600		300,000			
resample_AI_25_for_NOV-9/3		001	COMP	01-11-2021	gpd	88415			88415		300,000			
resample_AI_26_for_NOV-9/3		001	COMP	01-14-2021	gpd	90200			90200		300,000			
resample_AI_27_for_NOV-9/3		001	COMP	01-19-2021	gpd	140900			140900		300,000			
resample_AI_28_for_NOV-9/3		001	COMP	01-21-2021	gpd	84970			84970		300,000			
resample_AI_29_for_NOV-9/3		001	COMP	01-25-2021	gpd	57853			57853		300,000			
resample_AI_30_for_NOV-9/3		001	COMP	01-28-2021	gpd	58770			58770		300,000			
resample_AI_31_for_NOV-9/3		001	COMP	02-01-2021	gpd	63940			63940		300,000			
resample_AI_32_for_NOV-9/3		001	COMP	02-05-2021	gpd	62055			62055		300,000			
resample_AI_33_for_NOV-9/3		001	COMP	02-08-2021	gpd	62055			62055		300,000			
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	gpd	54590			54590		300,000			
resample_AI_34_for_NOV-9/3		001	COMP	02-12-2021	gpd	14573			14573		300,000			
resample_AI_35_for_NOV-9/3		001	COMP	02-16-2021	gpd	98240			98240		300,000			
resample_AI_36_for_NOV-9/3		001	COMP	02-18-2021	gpd	68160			68160		300,000			
resample_AI_37_for_NOV-9/3		001	COMP	02-23-2021	gpd	71810			71810		300,000			
resample_AI_38_for_NOV-9/3		001	COMP	02-26-2021	gpd	113685			113685		300,000			
resample_AI_39_for_NOV-9/3		001	COMP	03-02-2021	gpd	206040			206040		300,000			
resample_AI_40_for_NOV-9/3		001	COMP	03-04-2021	gpd	113980			113980		300,000			
resample_AI_41_for_NOV-9/3		001	COMP	03-09-2021	gpd	69980			69980		300,000			
resample_AI_42_for_NOV-9/3		001	COMP	03-12-2021	gpd	107600			107600		300,000			
resample_AI_43_for_NOV-9/3		001	COMP	03-15-2021	gpd	92703			92703		300,000			
resample_AI_44_for_NOV-9/3		001	COMP	03-18-2021	gpd	73840			73840		300,000			
resample_AI_45_for_NOV-9/3		001	COMP	03-22-2021	gpd	68007			68007		300,000			
resample_AI_46_for_NOV-9/3		001	COMP	03-24-2021	gpd	75280			75280		300,000			

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## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample_AI_47_for_NOV-9/3		001	COMP	03-29-2021	gpd	48813			48813		300,000			
resample_AI_48_for_NOV-9/3		001	COMP	03-31-2021	gpd	71450			71450		300,000			
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	gpd	62660			62660		300,000			
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	gpd	60983			60983		300,000			
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	gpd	193810			193810		300,000			
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	gpd	144,210			144210		300,000			
Total Concentration Results: <u>31</u>		Avg: <u>88785.7419</u>		Min: <u>14573.0000</u>		Max: <u>206040.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.019			0.019			.0087		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.036			0.036			.0188		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.021			0.021			.0107		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.016			0.016			.0259		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.018			0.018			.0216		
Total Concentration Results: <u>5</u>		Avg: <u>.0220</u>		Min: <u>.0160</u>		Max: <u>.0360</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0171</u>		Min: <u>.0087</u>		Max: <u>.0259</u>								

## Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.00020			0.00020			.0001		0.00117
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	<0.00020		0.00020	0.0002			.0001		0.00117
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	<.00020		0.00020	0.0002			.0001		0.00117
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	<.0013		0.0013	0.0013			.0021	D T	0.00117
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	nd		0.0010	0.001			.0012	D	0.00117

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### Mercury, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.0006</u>		Min: <u>.0002</u>		Max: <u>.0013</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0007</u>		Min: <u>.0001</u>		Max: <u>.0021</u>								

### Nickel, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.38			0.38			.1730		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.35			0.35			.1829		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.37			0.37			.1882		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.18			0.18			.2909		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.250			0.250			.3007		
Total Concentration Results: <u>5</u>		Avg: <u>.3060</u>		Min: <u>.1800</u>		Max: <u>.3800</u>								
Total Mass Results: <u>5</u>		Avg: <u>.2271</u>		Min: <u>.1730</u>		Max: <u>.3007</u>								

### Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	GRAB	02-11-2021	mg/L	5.22			5.22		100			
Landfill_2nd_Qtr_2021-smr	IU	001	GRAB	05-18-2021	mg/L	5.2			5.2		100			
Landfill_3rd_QTR_2021-smr	IU	001	GRAB	08-09-2021	mg/L	<4.9		4.9	4.9		100			
Landfill_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	mg/L	5.55			5.55		100	8.9709		
Landfill_2021_Annual_Sampli	A	001	GRAB	11-17-2021	mg/L	nd		0.28	0.28		100	.3368		
Total Concentration Results: <u>5</u>		Avg: <u>4.2300</u>		Min: <u>.2800</u>		Max: <u>5.5500</u>								
Total Mass Results: <u>2</u>		Avg: <u>4.6539</u>		Min: <u>.3368</u>		Max: <u>8.9709</u>								



Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: **101 Fitchburg Road , Westminster, MA 01473**

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	GRAB	02-11-2021	SU	8.12			8.12		5.5-11.0			
Landfill_2nd_Qtr_2021-smr	IU	001	GRAB	05-18-2021	SU	8.01			8.01		5.5-11.0			
Landfill_3rd_QTR_2021-smr	IU	001	GRAB	08-09-2021	SU	8.35			8.35		5.5-11.0			
Landfill_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	SU	7.80			7.80		5.5-11.0			
Landfill_2021_Annual_Sampli	A	001	GRAB	11-17-2021	SU	8.24			8.24		5.5-11.0			
Total Concentration Results: <u>5</u>		Avg: <u>8.1040</u>		Min: <u>7.8000</u>		Max: <u>8.3500</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	18.8			18.8			8.5593		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	15.9			15.9			8.3091		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	19.8			19.8			10.0702		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	10			10			16.1638		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	9.6			9.6			11.5460		
Total Concentration Results: <u>5</u>		Avg: <u>14.8200</u>		Min: <u>9.6000</u>		Max: <u>19.8000</u>								
Total Mass Results: <u>5</u>		Avg: <u>10.9297</u>		Min: <u>8.3091</u>		Max: <u>16.1638</u>								

## Selenium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.025			0.025			.0114		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	<0.025		0.025	0.025			.0131		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	<.025		0.025	0.025			.0127		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	<.0025		0.0025	0.0025			.0040		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.052			0.052			.0625		

Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: **101 Fitchburg Road , Westminster, MA 01473**

### Selenium, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.0259</u>		Min: <u>.0025</u>		Max: <u>.0520</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0207</u>		Min: <u>.0040</u>		Max: <u>.0625</u>								

### Silver, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.0060			0.0060			.0027		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	<0.0060		0.0060	0.006			.0031		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	<.0060		0.0060	0.006			.0031		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	<.0060		0.0060	0.006			.0097		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	nd		0.001	0.001			.0012		
Total Concentration Results: <u>5</u>		Avg: <u>.0050</u>	Min: <u>.0010</u>	Max: <u>.0060</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0040</u>	Min: <u>.0012</u>	Max: <u>.0097</u>										

### Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	GRAB	02-11-2021	c	18.13			18.13		65			
Landfill_2nd_Qtr_2021-smr	IU	001	GRAB	05-18-2021	c	26.59			26.59		65			
Landfill_3rd_QTR_2021-smr	IU	001	GRAB	08-09-2021	c	31.03			31.03		65			
Landfill_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	c	21.80			21.80		65			
Landfill_2021_Annual_Sampli	A	001	GRAB	11-17-2021	c	19.5			19.5		65			
Total Concentration Results: <u>5</u>		Avg: <u>23.4100</u>	Min: <u>18.1300</u>	Max: <u>31.0300</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: **101 Fitchburg Road , Westminster, MA 01473**

## Total Toxic Organics

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	GRAB	02-11-2021	mg/L	<100		100	100					
Landfill_2nd_Qtr_2021-smr	IU	001	GRAB	05-18-2021	mg/L	0.0027			0.0027					
Landfill_3rd_QTR_2021-smr	IU	001	GRAB	08-09-2021	mg/L	6.4122			6.4122			3.2612		
Landfill_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	mg/L	0.00015			0.00015			.0002		
Landfill_2021_Annual_Sampli	A	001	GRAB	11-17-2021	mg/L	<.0238		1.0	0.0238			.0286		
Total Concentration Results: <u>5</u>		Avg: <u>21.2878</u>		Min: <u>.0002</u>		Max: <u>100.0000</u>								
Total Mass Results: <u>3</u>		Avg: <u>1.0967</u>		Min: <u>.0002</u>		Max: <u>3.2612</u>								

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	20			20			9.1056		400
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	46.8			46.8			24.4569		400
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	20.8			20.8			10.5788		400
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	37.2			37.2			60.1292		400
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	31			31			37.2841		400
Total Concentration Results: <u>5</u>		Avg: <u>31.1600</u>		Min: <u>20.0000</u>		Max: <u>46.8000</u>								
Total Mass Results: <u>5</u>		Avg: <u>28.3109</u>		Min: <u>9.1056</u>		Max: <u>60.1292</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Landfill_1st_Qtr_2021_smr	IU	001	COMP	02-11-2021	mg/L	0.16			0.16			.0728		
Landfill_2nd_Qtr_2021-smr	IU	001	COMP	05-18-2021	mg/L	0.22			0.22			.1150		
Landfill_3rd_QTR_2021-smr	IU	001	COMP	08-09-2021	mg/L	0.17			0.17			.0865		
Landfill_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.094			0.094			.1519		
Landfill_2021_Annual_Sampli	A	001	COMP	11-17-2021	mg/L	0.160			0.160			.1924		

Permit: **376**  
 Permittee: **Fitchburg/Westminster Landfill**  
 Location: 101 Fitchburg Road , Westminster, MA 01473

### Zinc, Total

													CONCENTRATION			MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit		Result (lbs/day)	Violations	Limit			
Total Concentration Results: <u>5</u>		Avg: <u>.1608</u>		Min: <u>.0940</u>		Max: <u>.2200</u>												
Total Mass Results: <u>5</u>		Avg: <u>.1237</u>		Min: <u>.0728</u>		Max: <u>.1924</u>												

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: 100 Newark Way , Fitchburg, MA 01420

### Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	1.53			1.53			1.7673		5.0
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	1.18			1.18			1.6730		5.0
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	0.93			0.93			1.0176		5.0
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	0.50			0.50			1.2856		5.0
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	0.04			0.04			.0457		5.0
Total Concentration Results: <u>5</u>		Avg: <u>.8360</u>	Min: <u>.0400</u>	Max: <u>1.5300</u>										
Total Mass Results: <u>5</u>		Avg: <u>1.1578</u>	Min: <u>.0457</u>	Max: <u>1.7673</u>										

### Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	4.83			4.83			5.5791		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	7.29			7.29			10.3358		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	3.23			3.23			3.5343		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.10	0.1			.2571		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	6.1			6.1			6.9748		

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>4.3100</u>		Min: <u>.1000</u>		Max: <u>7.2900</u>								
Total Mass Results: <u>5</u>		Avg: <u>5.3362</u>		Min: <u>.2571</u>		Max: <u>10.3358</u>								

## Arsenic, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.005	0.005			.0058		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.005	0.005			.0071		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	0.005			0.005			.0055		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.010	0.01			.0257		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	0.004			0.004			.0046		
Total Concentration Results: <u>5</u>		Avg: <u>.0058</u>		Min: <u>.0040</u>		Max: <u>.0100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0097</u>		Min: <u>.0046</u>		Max: <u>.0257</u>								

## BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	77			77			88.9419		
3-2-21_sample	A	001	COMP	03-02-2021	mg/L	102			102			109.0572		
3-4-2021_sample	A	001	COMP	03-04-2021	mg/L	173			173			271.3944		
3-9-2021_sample	A	001	COMP	03-09-2021	mg/L	108			108			153.0323		
3-11-2021_sample	A	001	COMP	03-11-2021	mg/L	118			118			205.7795		
3-16-2021_sample	A	001	COMP	03-16-2021	mg/L	131			131			139.5174		
3-17-2021_sample	A	001	COMP	03-17-2021	mg/L	225			225			370.2335		
3-23-2021_sample	A	001	COMP	03-23-2021	mg/L	276			276			142.9443		
3-25-2021_sample	A	001	COMP	03-25-2021	mg/L	288			288			532.5057		
3-30-2021_sample	A	001	COMP	03-30-2021	mg/L	180			180			354.4333		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	92			92			130.4376		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	470			470			514.2778		

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

## **BOD-5**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	250			250			642.8055		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	257			257			293.8574		
Total Concentration Results: 14		Avg: 196.2143	Min: 77.0000	Max: 470.0000										
Total Mass Results: 14		Avg: 282.0870	Min: 88.9419	Max: 642.8055										

## **Cadmium, Total**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.002	0.002			.0023		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.002	0.002			.0028		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.002	0.002			.0022		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.0040	0.004			.0103		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	nd		0.002	0.002			.0023		
Total Concentration Results: 5		Avg: .0024	Min: .0020	Max: .0040										
Total Mass Results: 5		Avg: .0040	Min: .0022	Max: .0103										

## **Chromium (VI)**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	mg/L	nd		0.05	0.05			.0578		
Greif_2nd_QTR_2021-smr	IU	001	GRAB	06-10-2021	mg/L	0.07			0.07			.0992		
Greif_3rd_QTR_2021-smr	IU	001	GRAB	09-14-2021	mg/L	0.179			0.179			.1959		
Greif_Annual_sampling-2021	A	001	GRAB	11-10-2021	mg/L	nd		0.0040	0.004			.0103		
Greif_4th_Qtr_2021-smr	IU	001	GRAB	12-09-2021	mg/L	0.005			0.005			.0057		
Total Concentration Results: 5		Avg: .0616	Min: .0040	Max: .1790										
Total Mass Results: 5		Avg: .0738	Min: .0057	Max: .1959										

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

### Chromium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.007			0.007			.0081		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	0.006			0.006			.0085		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	0.006			0.006			.0066		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.10	0.1			.2571		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	nd		0.001	0.001			.0011		
Total Concentration Results: <u>5</u>		Avg: <u>.0240</u>	Min: <u>.0010</u>	Max: <u>.1000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0563</u>	Min: <u>.0011</u>	Max: <u>.2571</u>										

### Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.02			0.02			.0231		0.080
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	0.03			0.03			.0425		0.080
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.008	0.008			.0088		0.080
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	0.016			0.016			.0411		0.080
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	0.018			0.018			.0206		0.080
Total Concentration Results: <u>5</u>		Avg: <u>.0184</u>	Min: <u>.0080</u>	Max: <u>.0300</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0272</u>	Min: <u>.0088</u>	Max: <u>.0425</u>										

### Cyanide, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.01	0.01			.0116		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.05	0.05			.0709		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.01	0.01			.0109		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.010	0.01			.0257		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	nd		0.01	0.01			.0114		

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

### Cyanide, Total

CONCENTRATION											MASS			
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: .0180		Min: .0100		Max: .0500								
Total Mass Results: 5		Avg: .0261		Min: .0109		Max: .0709								

### Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mgd	0.1385			0.1385					
3-2-21_sample	A	001	COMP	03-02-2021	mgd	0.1282			0.1282					
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mgd	0.170			0.170					
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mgd	0.1312			0.1312					
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mgd	0.3083			0.3083					
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mgd	0.1371			0.1371					
Total Concentration Results: <u>6</u>		Avg: <u>.1689</u>		Min: <u>.1282</u>		Max: <u>.3083</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

### Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.003	0.003			.0035		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.004	0.004			.0057		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.004	0.004			.0044		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.10	0.1			.2571		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	0.007			0.007			.0080		
Total Concentration Results: <u>5</u>		Avg: <u>.0236</u>		Min: <u>.0030</u>		Max: <u>.1000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0557</u>		Min: <u>.0035</u>		Max: <u>.2571</u>								



Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

### Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.0002	0.0002			.0002		0.00175
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.0002	0.0002			.0003		0.00175
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.0002	0.0002			.0002		0.00175
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.00010	0.0001			.0003		0.00175
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	nd		0.0002	0.0002			.0002		0.00175
Total Concentration Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0002</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0002</u>		Max: <u>.0003</u>								

### Nickel, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.017			0.017			.0196		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	0.015			0.015			.0213		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	0.011			0.011			.0120		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	0.013			0.013			.0334		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	0.012			0.012			.0137		
Total Concentration Results: <u>5</u>		Avg: <u>.0136</u>		Min: <u>.0110</u>		Max: <u>.0170</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0200</u>		Min: <u>.0120</u>		Max: <u>.0334</u>								

### Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	mg/L	nd		16	16		100			
Greif_2nd_QTR_2021-smr	IU	001	GRAB	06-10-2021	mg/L	17.4			17.4		100	24.6697		
Greif_3rd_QTR_2021-smr	IU	001	GRAB	09-14-2021	mg/L	2			2		100	2.1884		
Greif_Annual_sampling-2021	A	001	GRAB	11-10-2021	mg/L	nd		28	28		100			
Greif_4th_Qtr_2021-smr	IU	001	GRAB	12-09-2021	mg/L	15.55			15.55		100			

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

## Oil and Grease

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>15.7900</u>		Min: <u>2.0000</u>		Max: <u>28.0000</u>								
Total Mass Results: <u>2</u>		Avg: <u>13.4291</u>		Min: <u>2.1884</u>		Max: <u>24.6697</u>								

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	SU	7.53			7.53		5.5-11.0			
Greif_2nd_QTR_2021-smr	IU	001	GRAB	06-10-2021	SU	7.77			7.77		5.5-11.0			
Greif_3rd_QTR_2021-smr	IU	001	GRAB	09-14-2021	SU	7.86			7.86		5.5-11.0			
Greif_Annual_sampling-2021	A	001	GRAB	11-10-2021	SU	8.16			8.16		5.5-11.0			
Greif_4th_Qtr_2021-smr	IU	001	GRAB	12-09-2021	SU	7.78			7.78		5.5-11.0			
Total Concentration Results: <u>5</u>		Avg: <u>7.8200</u>	Min: <u>7.5300</u>	Max: <u>8.1600</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	1.13			1.13			1.3053		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	0.86			0.86			1.2193		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	1.03			1.03			1.1270		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	0.83			0.83			2.1341		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	2.13			2.13			2.4355		
Total Concentration Results: <u>5</u>		Avg: <u>1.1960</u>	Min: <u>.8300</u>	Max: <u>2.1300</u>										
Total Mass Results: <u>5</u>		Avg: <u>1.6442</u>	Min: <u>1.1270</u>	Max: <u>2.4355</u>										

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

### Selenium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.008	0.008			.0092		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.008	0.008			.0113		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.004	0.004			.0044		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.050	0.05			.1286		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	nd		0.004	0.004			.0046		
Total Concentration Results: <u>5</u>		Avg: <u>.0148</u>	Min: <u>.0040</u>	Max: <u>.0500</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0316</u>	Min: <u>.0044</u>	Max: <u>.1286</u>										

### Silver, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.002	0.002			.0023		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	nd		0.002	0.002			.0028		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	nd		0.002	0.002			.0022		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	nd		0.010	0.01			.0257		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	nd		0.002	0.002			.0023		
Total Concentration Results: <u>5</u>		Avg: <u>.0036</u>	Min: <u>.0020</u>	Max: <u>.0100</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0071</u>	Min: <u>.0022</u>	Max: <u>.0257</u>										

### Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	GRAB	02-25-2021	c	36.7			36.7		65			
Greif_2nd_QTR_2021-smr	IU	001	GRAB	06-10-2021	c	41.7			41.7		65			
Greif_3rd_QTR_2021-smr	IU	001	GRAB	09-14-2021	c	40.5			40.5		65			
Greif_Annual_sampling-2021	A	001	GRAB	11-10-2021	c	33.2			33.2		65			
Greif_4th_Qtr_2021-smr	IU	001	GRAB	12-09-2021	c	34.4			34.4		65			

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: **100 Newark Way , Fitchburg, MA 01420**

## Temperature

CONCENTRATION												MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>37.3000</u>		Min: <u>33.2000</u>		Max: <u>41.7000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	272			272			314.1845		
3-2-21_sample	A	001	COMP	03-02-2021	mg/L	704			704			752.7084		
3-4-2021_sample	A	001	COMP	03-04-2021	mg/L	1416			1416			2221.3557		
3-9-2021_sample	A	001	COMP	03-09-2021	mg/L	832			832			1178.9157		
3-11-2021_sample	A	001	COMP	03-11-2021	mg/L	884			884			1541.6023		
3-16-2021_sample	A	001	COMP	03-16-2021	mg/L	940			940			1001.1169		
3-17-2021_sample	A	001	COMP	03-17-2021	mg/L	4416			4416			7266.4485		
3-23-2021_sample	A	001	COMP	03-23-2021	mg/L	7448			7448			3857.4235		
3-25-2021_sample	A	001	COMP	03-25-2021	mg/L	5996			5996			11086.4721		
3-30-2021_sample	A	001	COMP	03-30-2021	mg/L	1696			1696			3339.5495		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	254			254			360.1212		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	66			66			72.2177		
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	1100			1100			2828.3442		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	508			508			580.8543		
Total Concentration Results: <u>14</u>		Avg: <u>1895.1429</u>		Min: <u>66.0000</u>		Max: <u>7448.0000</u>								
Total Mass Results: <u>14</u>		Avg: <u>2600.0939</u>		Min: <u>72.2177</u>		Max: <u>11086.4721</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_1st_Qtr_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.06			0.06			.0693		
Greif_2nd_QTR_2021-smr	IU	001	COMP	06-10-2021	mg/L	0.033			0.033			.0468		
Greif_3rd_QTR_2021-smr	IU	001	COMP	09-14-2021	mg/L	0.11			0.11			.1204		

Permit: **366**  
 Permittee: **Greif Fitchburg Paperboard (Newark America)**  
 Location: 100 Newark Way , Fitchburg, MA 01420

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Greif_Annual_sampling-2021	A	001	COMP	11-10-2021	mg/L	0.065			0.065			.1671		
Greif_4th_Qtr_2021-smr	IU	001	COMP	12-09-2021	mg/L	0.102			0.102			.1166		
Total Concentration Results: <u>5</u>		Avg: <u>.0740</u>	Min: <u>.0330</u>	Max: <u>.1100</u>										
Total Mass Results: <u>5</u>		Avg: <u>.1040</u>	Min: <u>.0468</u>	Max: <u>.1671</u>										

Permit: **101**  
 Permittee: **Micron Products Inc.**  
 Location: 25 Sawyer Passway , Fitchburg, MA 01420

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.050		0.050	0.05			.0050		0.33
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<0.050		0.050	0.05			.0053		0.33
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	<.050		0.050	0.05			.0041		0.33
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	<.050		0.050	0.05			.0038		0.33
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<.050		0.050	0.05			.0037		0.33
Total Concentration Results: <u>5</u>		Avg: <u>.0500</u>	Min: <u>.0500</u>	Max: <u>.0500</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0044</u>	Min: <u>.0037</u>	Max: <u>.0053</u>										

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	140			140			14.0346		
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	190			190			20.2037		
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	220			220			18.0728		
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	220			220			16.5315		
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	220			220			16.3297		

Permit: **101**  
 Permittee: **Micron Products Inc.**  
 Location: **25 Sawyer Passway , Fitchburg, MA 01420**

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>198.0000</u>		Min: <u>140.0000</u>		Max: <u>220.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>17.0345</u>		Min: <u>14.0346</u>		Max: <u>20.2037</u>								

## Arsenic, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	<0.050		0.050	0.05			.0050		
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	COMP	06-10-2021	mg/L	<0.050		0.050	0.05			.0053		
<b>Micron_annual_sample-2021</b>	A	001	COMP	08-25-2021	mg/L	0.0024			0.0024			.0002		
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	COMP	09-09-2021	mg/L	<.050		0.050	0.05			.0038		
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	COMP	11-16-2021	mg/L	<.050		0.050	0.05			.0037		
Total Concentration Results: <u>5</u>		Avg: <u>.0405</u>		Min: <u>.0024</u>		Max: <u>.0500</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0036</u>		Min: <u>.0002</u>		Max: <u>.0053</u>								

## BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	200			200			20.0494		40
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	COMP	06-10-2021	mg/L	7.5			7.5			.7975		40
<b>Micron_annual_sample-2021</b>	A	001	COMP	08-25-2021	mg/L	110			110			9.0364		40
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	COMP	09-09-2021	mg/L	<3.0		3.0	3			.2254		40
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	COMP	11-16-2021	mg/L	<3.0		3.0	3			.2227		40
Total Concentration Results: <u>5</u>		Avg: <u>64.7000</u>		Min: <u>3.0000</u>		Max: <u>200.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>6.0663</u>		Min: <u>.2227</u>		Max: <u>20.0494</u>								

Permit: **101**  
 Permittee: **Micron Products Inc.**  
 Location: **25 Sawyer Passway , Fitchburg, MA 01420**

### Cadmium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.0020		0.0020	0.002			.0002		0.0058
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<0.0025		0.0025	0.0025			.0003		0.0058
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	0.00020		0.20	0.00020			.0000		0.0058
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	<.0025		0.0025	0.0025			.0002		0.0058
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<.0025		0.0025	0.0025			.0002		0.0058
Total Concentration Results: <u>5</u>		Avg: <u>.0019</u>	Min: <u>.0002</u>	Max: <u>.0025</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0000</u>	Max: <u>.0003</u>										

### Chromium (VI)

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	GRAB	03-09-2021	mg/L	<0.02		0.02	0.02			.0020		
Micron_2nd_Qtr_2021-SMR	IU	001	GRAB	06-10-2021	mg/L	<0.02		0.02	0.02			.0021		
Micron_annual_sample-2021	A	001	GRAB	08-25-2021	mg/L	<.0040		0.0040	0.004			.0003		
Micron_3rd_QTR_2021-smr	IU	001	GRAB	09-09-2021	mg/L	<.02		0.02	0.02			.0015		
Micron_4th_Qtr_2021-smr	IU	001	GRAB	11-16-2021	mg/L	<.02		0.02	0.02			.0015		
Total Concentration Results: <u>5</u>		Avg: <u>.0168</u>	Min: <u>.0040</u>	Max: <u>.0200</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0015</u>	Min: <u>.0003</u>	Max: <u>.0021</u>										

### Chromium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	0.075			0.075			.0075		0.2852
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	0.15			0.15			.0160		0.2852
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	0.800			0.800			.0657		0.2852
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	0.34			0.34			.0255		0.2852
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	0.12			0.12			.0089		0.2852

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### Chromium, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.2970</u>		Min: <u>.0750</u>		Max: <u>.8000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0247</u>		Min: <u>.0075</u>		Max: <u>.0657</u>								

### Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	0.12			0.12			.0120	<b>D T</b>	0.008
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	COMP	06-10-2021	mg/L	<0.025		0.025	0.025			.0027		0.008
<b>Micron_annual_sample-2021</b>	A	001	COMP	08-25-2021	mg/L	0.022			0.022			.0018		0.008
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	COMP	09-09-2021	mg/L	<.025		0.025	0.025			.0019		0.008
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	COMP	11-16-2021	mg/L	<.025		0.025	0.025			.0019		0.008
Total Concentration Results: <u>5</u>		Avg: <u>.0434</u>		Min: <u>.0220</u>		Max: <u>.1200</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0041</u>		Min: <u>.0018</u>		Max: <u>.0120</u>								

### Cyanide, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	GRAB	03-09-2021	mg/L	<0.01		0.01	0.01			.0010		0.1084
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	GRAB	06-10-2021	mg/L	<0.01		0.01	0.01			.0011		0.1084
<b>Micron_annual_sample-2021</b>	A	001	GRAB	08-25-2021	mg/L	0.022			0.022			.0018		0.1084
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	GRAB	09-09-2021	mg/L	<.01		0.01	0.01			.0008		0.1084
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	GRAB	11-16-2021	mg/L	<.01		0.01	0.01			.0007		0.1084
Total Concentration Results: <u>5</u>		Avg: <u>.0124</u>		Min: <u>.0100</u>		Max: <u>.0220</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0011</u>		Min: <u>.0007</u>		Max: <u>.0018</u>								



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## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	gpd	12020			12020					
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	gpd	12750			12750					
Micron_annual_sample-2021	A	001	COMP	08-25-2021	gpd	9850			9850					
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	gpd	9010			9010					
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	gpd	8900			8900					
Total Concentration Results: <u>5</u>		Avg: <u>10506.0000</u>		Min: <u>8900.0000</u>		Max: <u>12750.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.025		0.025	0.025			.0025		0.0717
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<0.025		0.025	0.025			.0027		0.0717
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	<.0005		0.0005	0.0005			.0000		0.0717
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	<.025		0.025	0.025			.0019		0.0717
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<.025		0.025	0.025			.0019		0.0717
Total Concentration Results: <u>5</u>		Avg: <u>.0201</u>		Min: <u>.0005</u>		Max: <u>.0250</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0018</u>		Min: <u>.0000</u>		Max: <u>.0027</u>								

## Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.00050		0.00050	0.0005			.0001		0.00012
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<0.00050		0.00050	0.0005			.0001		0.00012
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	<.00010		0.00010	0.0001			.0000		0.00012
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	<.0005		0.0005	0.0005			.0000		0.00012
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<.00050		0.00050	0.0005			.0000		0.00012

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### Mercury, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: .0004		Min: .0001		Max: .0005								
Total Mass Results: 5		Avg: .0000		Min: .0000		Max: .0001								

### Nickel, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	<0.025		0.025	0.025			.0025		0.3970
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	COMP	06-10-2021	mg/L	<0.025		0.025	0.025			.0027		0.3970
<b>Micron_annual_sample-2021</b>	A	001	COMP	08-25-2021	mg/L	<.0050		0.0050	0.005			.0004		0.3970
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	COMP	09-09-2021	mg/L	<.025		0.025	0.025			.0019		0.3970
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	COMP	11-16-2021	mg/L	<.025		0.025	0.025			.0019		0.3970
Total Concentration Results: <u>5</u>		Avg: <u>.0210</u>		Min: <u>.0050</u>		Max: <u>.0250</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0019</u>		Min: <u>.0004</u>		Max: <u>.0027</u>								

### Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	GRAB	03-09-2021	mg/L	1.525			1.525		100	.1529		
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	GRAB	06-10-2021	mg/L	<5.0		5.0	5		100			
<b>Micron_annual_sample-2021</b>	A	001	GRAB	08-25-2021	mg/L	<1.6		1.6	1.6		100			
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	GRAB	09-09-2021	mg/L	6.24			6.24		100			
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	GRAB	11-16-2021	mg/L	0.57			0.57		100			
Total Concentration Results: <u>5</u>		Avg: <u>2.9870</u>		Min: <u>.5700</u>		Max: <u>6.2400</u>								
Total Mass Results: <u>1</u>		Avg: <u>.1529</u>		Min: <u>.1529</u>		Max: <u>.1529</u>								

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## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	GRAB	03-09-2021	SU	8.9			8.9		5.5-11.0			
Micron_2nd_Qtr_2021-SMR	IU	001	GRAB	06-10-2021	SU	7.5			7.5		5.5-11.0			
Micron_annual_sample-2021	A	001	GRAB	08-25-2021	SU	9.35			9.35		5.5-11.0			
Micron_3rd_QTR_2021-smr	IU	001	GRAB	09-09-2021	SU	9.7			9.7		5.5-11.0			
Micron_4th_Qtr_2021-smr	IU	001	GRAB	11-16-2021	SU	9.7			9.7		5.5-11.0			
Total Concentration Results: <u>5</u>		Avg: <u>9.0300</u>	Min: <u>7.5000</u>	Max: <u>9.7000</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.02		0.02	0.02			.0020		
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<0.010		0.010	0.01			.0011		
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	0.30			0.30			.0246		
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	<.020		0.020	0.02			.0015		
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<.018		0.018	0.018			.0013		
Total Concentration Results: <u>5</u>		Avg: <u>.0736</u>	Min: <u>.0100</u>	Max: <u>.3000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0061</u>	Min: <u>.0011</u>	Max: <u>.0246</u>										

## Selenium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.050		0.050	0.05			.0050		0.417
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	0.083			0.083			.0088		0.417
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	0.110			0.110			.0090		0.417
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	0.40			0.40			.0301		0.417
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	0.10			0.10			.0074		0.417

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 Location: **25 Sawyer Passway , Fitchburg, MA 01420**

### Selenium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: .1486		Min: .0500		Max: .4000								
Total Mass Results: 5		Avg: .0121		Min: .0050		Max: .0301								

### Silver, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	<0.025		0.025	0.025			.0025		0.0400
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	COMP	06-10-2021	mg/L	<0.025		0.025	0.025			.0027		0.0400
<b>Micron_annual_sample-2021</b>	A	001	COMP	08-25-2021	mg/L	0.0091			0.0091			.0007		0.0400
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	COMP	09-09-2021	mg/L	<.025		0.025	0.025			.0019		0.0400
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	COMP	11-16-2021	mg/L	<.025		0.025	0.025			.0019		0.0400
Total Concentration Results: <u>5</u>		Avg: <u>.0218</u>		Min: <u>.0091</u>		Max: <u>.0250</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0019</u>		Min: <u>.0007</u>		Max: <u>.0027</u>								

### Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Micron_1st_QTR_2021-smr</b>	IU	001	GRAB	03-09-2021	c	21.6			21.6		65			
<b>Micron_2nd_Qtr_2021-SMR</b>	IU	001	GRAB	06-10-2021	c	21.6			21.6		65			
<b>Micron_annual_sample-2021</b>	A	001	GRAB	08-25-2021	c	25.5			25.5		65			
<b>Micron_3rd_QTR_2021-smr</b>	IU	001	GRAB	09-09-2021	c	21.6			21.6		65			
<b>Micron_4th_Qtr_2021-smr</b>	IU	001	GRAB	11-16-2021	c	21.6			21.6		65			
Total Concentration Results: <u>5</u>		Avg: <u>22.3800</u>		Min: <u>21.6000</u>		Max: <u>25.5000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

Permit: **101**  
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 Location: **25 Sawyer Passway , Fitchburg, MA 01420**

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<2		2	2			.2005		130
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<2		2	2			.2127		130
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	4.0			4.0			.3286		130
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	2.2			2.2			.1653		130
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<2.0		2.0	2			.1485		130
Total Concentration Results: <u>5</u>		Avg: <u>2.4400</u>		Min: <u>2.0000</u>		Max: <u>4.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.2111</u>		Min: <u>.1485</u>		Max: <u>.3286</u>								

## TTO 1 (413/433) electroplating or metal fini

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	GRAB	03-09-2021	mg/L	<0.10		0.10	0.1		2.13	.0100		
Micron_2nd_Qtr_2021-SMR	IU	001	GRAB	06-10-2021	mg/L	<0.10		0.10	0.1		2.13	.0106		
Micron_annual_sample-2021	A	001	GRAB	08-25-2021	mg/L	<2.13		2.13	2.13		2.13			
Micron_3rd_QTR_2021-smr	IU	001	GRAB	09-09-2021	mg/L	1.0			1.0		2.13	.0751		
Micron_4th_Qtr_2021-smr	IU	001	GRAB	11-16-2021	mg/L	0.66			0.66		2.13	.0490		
Total Concentration Results: <u>5</u>		Avg: <u>.7980</u>		Min: <u>.1000</u>		Max: <u>2.1300</u>								
Total Mass Results: <u>4</u>		Avg: <u>.0362</u>		Min: <u>.0100</u>		Max: <u>.0751</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Micron_1st_QTR_2021-smr	IU	001	COMP	03-09-2021	mg/L	<0.020		0.020	0.02			.0020		0.2469
Micron_2nd_Qtr_2021-SMR	IU	001	COMP	06-10-2021	mg/L	<0.025		0.025	0.025			.0027		0.2469
Micron_annual_sample-2021	A	001	COMP	08-25-2021	mg/L	<.010		0.010	0.01			.0008		0.2469
Micron_3rd_QTR_2021-smr	IU	001	COMP	09-09-2021	mg/L	<.025		0.025	0.025			.0019		0.2469
Micron_4th_Qtr_2021-smr	IU	001	COMP	11-16-2021	mg/L	<.025		0.025	0.025			.0019		0.2469

Permit: **101**  
 Permittee: **Micron Products Inc.**  
 Location: **25 Sawyer Passway , Fitchburg, MA 01420**

## Zinc, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 5		Avg: .0210		Min: .0100		Max: .0250								
Total Mass Results: 5		Avg: .0019		Min: .0008		Max: .0027								

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## 1,1,1-Trichloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		20	20			.0005		0.00738
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<10		10	10			.0003		0.00738
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		20	20			.0006		0.00738
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.40		3.40	3.4			.0001		0.00738
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<20		20	20			.0003		0.00738
Total Concentration Results: <u>5</u>		Avg: <u>14.6800</u>	Min: <u>3.4000</u>	Max: <u>20.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0004</u>	Min: <u>.0001</u>	Max: <u>.0006</u>										

## 1,1,2-Trichloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		15	15			.0004		0.01589
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<7.5		7.5	7.5			.0002		0.01589
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		15	15			.0005		0.01589
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.00		3.00	3			.0001		0.01589
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<15		15	15			.0003		0.01589

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

### 1,1,2-Trichloroethane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>11.1000</u>		Min: <u>3.0000</u>		Max: <u>15.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0001</u>		Max: <u>.0005</u>								

### 1,1-Dichloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		15	15			.0004		0.00738
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<7.5		7.5	7.5			.0002		0.00738
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		15	15			.0005		0.00738
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.20		3.20	3.2			.0001		0.00738
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<15		15	15			.0003		0.00738
Total Concentration Results: <u>5</u>		Avg: <u>11.1400</u>		Min: <u>3.2000</u>		Max: <u>15.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0001</u>		Max: <u>.0005</u>								

### 1,1-Dichloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.00751
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.00751
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.00751
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.20		3.20	3.2			.0001		0.00751
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		15	10			.0002		0.00751
Total Concentration Results: <u>5</u>		Avg: <u>7.6400</u>		Min: <u>3.2000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

### 1,2,4- Trichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		5	5			.0001		0.09933
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.09933
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		5.00	5			.0002		0.09933
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.240		0.240	0.24			.0000		0.09933
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<5		5	5			.0001		0.09933
Total Concentration Results: <u>5</u>		Avg: <u>4.0480</u>		Min: <u>.2400</u>		Max: <u>5.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

### 1,2-Dichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		50	50			.0014		0.09933
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<25		25	25			.0008		0.09933
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.09933
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<2.0		2.0	2			.0000		0.09933
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<50		50	50			.0008		0.09933
Total Concentration Results: <u>5</u>		Avg: <u>27.4000</u>		Min: <u>2.0000</u>		Max: <u>50.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0007</u>		Min: <u>.0000</u>		Max: <u>.0014</u>								

### 1,2-Dichloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		15	15			.0004		0.07181
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<7.5		7.5	7.5			.0002		0.07181
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		15	15			.0005		0.07181
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<6.40		6.40	6.4			.0001		0.07181
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<15		15	15			.0003		0.07181



Permit: **316**  
Permittee: **OMNOVA Solutions Inc.**  
Location: **119 Authority Drive , Fitchburg, MA 01420**

### 1,2-Dichloroethane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>11.7800</u>	Min: <u>6.4000</u>	Max: <u>15.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>	Min: <u>.0001</u>	Max: <u>.0005</u>										

### 1,2-Dichloropropane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		35	35			.0010		0.09933
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<18		18	18			.0005		0.09933
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		35	35			.0011		0.09933
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.60		2.00	3.6			.0001		0.09933
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<35		35	35			.0006		0.09933
Total Concentration Results: <u>5</u>		Avg: <u>25.3200</u>	Min: <u>3.6000</u>	Max: <u>35.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0007</u>	Min: <u>.0001</u>	Max: <u>.0011</u>										

### 1,3- Dichlorobenzene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		50	50			.0014		0.04754
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<25		25	25			.0008		0.04754
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		50	50			.0015		0.04754
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<1.80		1.80	1.8			.0000		0.04754
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<50		50	50			.0008		0.04754
Total Concentration Results: <u>5</u>		Avg: <u>35.3600</u>	Min: <u>1.8000</u>	Max: <u>50.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0009</u>	Min: <u>.0000</u>	Max: <u>.0015</u>										

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## 1,4- Dichlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		50	50			.0014		0.04754
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<25		380	25			.0008		0.04754
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		50	50			.0015		0.04754
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<2.20		2.20	2.2			.0000		0.04754
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<50		50	50			.0008		0.04754
Total Concentration Results: <u>5</u>		Avg: <u>35.4400</u>		Min: <u>2.2000</u>		Max: <u>50.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0009</u>		Min: <u>.0000</u>		Max: <u>.0015</u>								

## 2-Nitrtphenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		5	5			.0001		0.02890
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.02890
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		5.0	5			.0002		0.02890
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<0.464		0.464	0.464			.0000		0.02890
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<5		5	5			.0001		0.02890
Total Concentration Results: <u>5</u>		Avg: <u>4.0928</u>		Min: <u>.4640</u>		Max: <u>5.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

## 4,6-dinitro-2-methylphenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.03465
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<10		10	10			.0003		0.03465
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.03465
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<6.44		6.44	6.44			.0001		0.03465
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.03465

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

### 4,6-dinitro-2-methylphenol

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>9.2880</u>		Min: <u>6.4400</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

### 4-Nitrophenol

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.07206
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<10		10	10			.0003		0.07206
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10.0	10			.0003		0.07206
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<2.02		2.02	2.02			.0000		0.07206
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.07206
Total Concentration Results: <u>5</u>		Avg: <u>8.4040</u>	Min: <u>2.0200</u>	Max: <u>10.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0000</u>	Max: <u>.0003</u>										

### Acenaphthene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00588
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00588
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00588
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.328		0.328	0.328			.0000		0.00588
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00588
Total Concentration Results: <u>5</u>		Avg: <u>1.6656</u>	Min: <u>.3280</u>	Max: <u>2.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>	Min: <u>.0000</u>	Max: <u>.0001</u>										

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.100	0.1			.0027		0.25
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	0.709			0.709			.0216		0.25
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	0.485			0.485			.0146		0.25
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	1.4			1.4			.0315		0.25
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	0.156			0.156			.0026		0.25
Total Concentration Results: <u>5</u>		Avg: <u>.5700</u>		Min: <u>.1000</u>		Max: <u>1.4000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0146</u>		Min: <u>.0026</u>		Max: <u>.0315</u>								

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	21.4			21.4			.5834		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	31.7			31.7			.9674		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	22.7			22.7			.6840		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	44			44			.9908		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	22.9			22.9			.3831		
Total Concentration Results: <u>5</u>		Avg: <u>28.5400</u>		Min: <u>21.4000</u>		Max: <u>44.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.7217</u>		Min: <u>.3831</u>		Max: <u>.9908</u>								

## Anthracene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00588
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00588
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00588
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.388		0.388	0.388			.0000		0.00588
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00588

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## Anthracene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>1.6776</u>		Min: <u>.3880</u>		Max: <u>2.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

## Arsenic, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.005	0.005			.0001		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.005		0.005	0.005			.0002		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.005	0.005			.0002		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.010	0.01			.0002		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.005		0.005	0.005			.0001		
Total Concentration Results: <u>5</u>		Avg: <u>.0060</u>	Min: <u>.0050</u>	Max: <u>.0100</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0001</u>	Max: <u>.0002</u>										

## Benzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.01676
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.01676
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.01676
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<2.60		2.60	2.6			.0001		0.01676
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.01676
Total Concentration Results: <u>5</u>		Avg: <u>7.5200</u>	Min: <u>2.6000</u>	Max: <u>10.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0001</u>	Max: <u>.0003</u>										

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### bis (2-Ethylhexyl) phthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2.2	2.2			.0001		0.03228
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2.20		2.20	2.2			.0001		0.03228
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.03228
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.906		0.906	0.906			.0000		0.03228
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2.2		2.2	2.2			.0000		0.03228
Total Concentration Results: <u>5</u>		Avg: <u>1.9012</u>		Min: <u>.9060</u>		Max: <u>2.2000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

### BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	62			62			1.6903		35
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	93			93			2.8380		35
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	180			180			5.4238		35
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	46			46			1.0358		35
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	36			36			.6023		35
Total Concentration Results: <u>5</u>		Avg: <u>83.4000</u>		Min: <u>36.0000</u>		Max: <u>180.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>2.3180</u>		Min: <u>.6023</u>		Max: <u>5.4238</u>								

### Cadmium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.005	0.005			.0001		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.005		0.005	0.005			.0002		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.005	0.005			.0002		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.0040	0.004			.0001		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.005		0.005	0.005			.0001		

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### Cadmium, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.0048</u>		Min: <u>.0040</u>		Max: <u>.0050</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0001</u>		Max: <u>.0002</u>								

### Carbon Tetrachloride

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.04754
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		380	5			.0002		0.04754
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.04754
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.40		3.40	3.4			.0001		0.04754
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.04754
Total Concentration Results: <u>5</u>		Avg: <u>7.6800</u>	Min: <u>3.4000</u>	Max: <u>10.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0001</u>	Max: <u>.0003</u>										

### Chlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		35	35			.0010		0.04754
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<18		18	18			.0005		0.04754
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		35	35			.0011		0.04754
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<1.60		1.60	1.6			.0000		0.04754
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<35		35	35			.0006		0.04754
Total Concentration Results: <u>5</u>		Avg: <u>24.9200</u>	Min: <u>1.6000</u>	Max: <u>35.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0006</u>	Min: <u>.0000</u>	Max: <u>.0011</u>										

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## Chloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		20	20			.0005		0.03690
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<10		10	10			.0003		0.03690
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		50	50			.0015		0.03690
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	>7.60			7.60			.0002		0.03690
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<20		20	20			.0003		0.03690
Total Concentration Results: <u>5</u>		Avg: <u>21.5200</u>		Min: <u>7.6000</u>		Max: <u>50.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0006</u>		Min: <u>.0002</u>		Max: <u>.0015</u>								

## Chloroform

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.04066
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.04066
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.04066
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	4.00			4.00			.0001		0.04066
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.04066
Total Concentration Results: <u>5</u>		Avg: <u>7.8000</u>		Min: <u>4.0000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

## Chloromethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		20	20			.0005		0.03690
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<25		25	25			.0008		0.03690
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		50	50			.0015		0.03690
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<7.60		7.60	7.6			.0002		0.03690
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<20		20	20			.0003		0.03690



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## Chloromethane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>24.5200</u>		Min: <u>7.6000</u>		Max: <u>50.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0007</u>		Min: <u>.0002</u>		Max: <u>.0015</u>								

## Chromium (VI)

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	mg/L	ND		0.050	0.05			.0014		
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	mg/L	<0.050		0.050	0.05			.0015		
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	mg/L	nd		0.050	0.05			.0015		
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	mg/L	nd		0.0040	0.004			.0001		
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	mg/L	<0.050		0.050	0.05			.0008		
Total Concentration Results: <u>5</u>		Avg: <u>.0408</u>		Min: <u>.0040</u>		Max: <u>.0500</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0011</u>		Min: <u>.0001</u>		Max: <u>.0015</u>								

## Chromium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.010	0.01			.0003		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.010		0.010	0.01			.0003		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.01	0.01			.0003		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.010	0.01			.0002		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.010		0.010	0.01			.0002		
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>		Min: <u>.0100</u>		Max: <u>.0100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0002</u>		Max: <u>.0003</u>								

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### cis-1,3-Dichloropropene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		15	15			.0004		0.09933
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<7.5		7.5	7.5			.0002		0.09933
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		15	15			.0005		0.09933
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<2.40		2.40	2.4			.0001		0.09933
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<15		15	15			.0003		0.09933
Total Concentration Results: <u>5</u>		Avg: <u>10.9800</u>		Min: <u>2.4000</u>		Max: <u>15.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0001</u>		Max: <u>.0005</u>								

### Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.010	0.01			.0003		0.002
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.010		0.010	0.01			.0003		0.002
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.01	0.01			.0003		0.002
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.010	0.01			.0002		0.002
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.010		0.010	0.01			.0002		0.002
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>		Min: <u>.0100</u>		Max: <u>.0100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0002</u>		Max: <u>.0003</u>								

### Cyanide, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	mg/L	nd		0.005	0.005			.0001		0.15012
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	mg/L	0.022			0.022			.0007		0.15012
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	mg/L	0.017			0.017			.0005		0.15012
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	mg/L	0.030			0.030			.0007		0.15012
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	mg/L	0.022			0.022			.0004		0.15012

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### Cyanide, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.0192</u>		Min: <u>.0050</u>		Max: <u>.0300</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0005</u>		Min: <u>.0001</u>		Max: <u>.0007</u>								

### Diethylphthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		5	5			.0001		0.01414
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.01414
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		5.0	5			.0002		0.01414
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.472		0.472	0.472			.0000		0.01414
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<5		5	5			.0001		0.01414
Total Concentration Results: <u>5</u>		Avg: <u>4.0944</u>		Min: <u>.4720</u>		Max: <u>5.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

### Dimethylphthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		5	5			.0001		0.00588
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.00588
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		5.0	5			.0002		0.00588
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.394		0.394	0.394			.0000		0.00588
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<5		5	5			.0001		0.00588
Total Concentration Results: <u>5</u>		Avg: <u>4.0788</u>		Min: <u>.3940</u>		Max: <u>5.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

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 Permittee: **OMNOVA Solutions Inc.**  
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## Di-n-butylphthalate

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		5	5			.0001		0.00538
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.00538
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		5.0	5			.0002		0.00538
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.487		0.487	0.487			.0000		0.00538
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<5		5	5			.0001		0.00538
Total Concentration Results: <u>5</u>		Avg: <u>4.0974</u>		Min: <u>.4870</u>		Max: <u>5.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0002</u>								

## Ethylbenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.04754
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.04754
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.04754
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	4.20			4.20			.0001		0.04754
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.04754
Total Concentration Results: <u>5</u>		Avg: <u>7.8400</u>		Min: <u>4.2000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	gpd	3269			3269		15,000			
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	gpd	3659			3659		15,000			
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	gpd	3613			3613		15,000			
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	gpd	2700			2700		15,000			
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	gpd	2006			2006		15,000			

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## Flow

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>3049.4000</u>		Min: <u>2006.0000</u>		Max: <u>3659.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Fluorene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00588
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00588
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00588
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.409		0.409	0.409			.0000		0.00588
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00588
Total Concentration Results: <u>5</u>		Avg: <u>1.6818</u>		Min: <u>.4090</u>		Max: <u>2.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

## Fluoroanthene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00676
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00676
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00676
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.363		0.363	0.363			.0000		0.00676
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00676
Total Concentration Results: <u>5</u>		Avg: <u>1.6726</u>		Min: <u>.3630</u>		Max: <u>2.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

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### Hexachlorobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.09933
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.09933
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.09933
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.357		0.357	0.357			.0000		0.09933
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.09933
Total Concentration Results: <u>5</u>		Avg: <u>1.6714</u>	Min: <u>.3570</u>	Max: <u>2.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>	Min: <u>.0000</u>	Max: <u>.0001</u>										

### Hexachlorobutadiene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.04754
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<10		10	10			.0003		0.04754
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.04754
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.266		0.266	0.266			.0000		0.04754
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.04754
Total Concentration Results: <u>5</u>		Avg: <u>3.2532</u>	Min: <u>.2660</u>	Max: <u>10.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>	Min: <u>.0000</u>	Max: <u>.0003</u>										

### Hexachloroethane

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.09933
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.09933
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.09933
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.303		0.303	0.303			.0000		0.09933
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.09933

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### Hexachloroethane

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>1.6606</u>		Min: <u>.3030</u>		Max: <u>2.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

### Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.010	0.01			.0003		0.08632
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.010		0.010	0.01			.0003		0.08632
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.01	0.01			.0003		0.08632
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.010	0.01			.0002		0.08632
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.010		0.010	0.01			.0002		0.08632
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>	Min: <u>.0100</u>	Max: <u>.0100</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>	Min: <u>.0002</u>	Max: <u>.0003</u>										

### Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.0002	0.0002			.0000		0.00009
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.0002		0.0002	0.0002			.0000		0.00009
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.0002	0.0002			.0000		0.00009
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.00010	0.0001			.0000		0.00009
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.00020		0.00020	0.0002			.0000		0.00009
Total Concentration Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0001</u>	Max: <u>.0002</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0000</u>	Min: <u>.0000</u>	Max: <u>.0000</u>										

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## Methylene Chloride

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.02127
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.02127
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.02127
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<6.00		6.00	6			.0001		0.02127
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.02127
Total Concentration Results: <u>5</u>		Avg: <u>8.2000</u>		Min: <u>5.0000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

## Naphthalene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00588
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00588
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00588
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.290		0.290	0.29			.0000		0.00588
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00588
Total Concentration Results: <u>5</u>		Avg: <u>1.6580</u>		Min: <u>.2900</u>		Max: <u>2.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

## Nitrobenzene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.80089
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.80089
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.80089
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.520		0.520	0.52			.0000		0.80089
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.80089



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## Nitrobenzene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>1.7040</u>		Min: <u>.5200</u>		Max: <u>2.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

## Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	mg/L	4.4			4.4		100	.1200		
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	mg/L	ND		0.4	0.4		100			
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	mg/L	nd		4	4		100	.1205		
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	mg/L	nd		14	14		100			
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	mg/L	<4.0		4.0	4		100			
Total Concentration Results: <u>5</u>		Avg: <u>5.3600</u>		Min: <u>.4000</u>		Max: <u>14.0000</u>								
Total Mass Results: <u>2</u>		Avg: <u>.1203</u>		Min: <u>.1200</u>		Max: <u>.1205</u>								

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	SU	8.41			8.41		5.5-11.0			
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	SU	7.9			7.9		5.5-11.0			
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	SU	6.99			6.99		5.5-11.0			
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	SU	7.13			7.13		5.5-11.0			
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	SU	7.07			7.07		5.5-11.0			
Total Concentration Results: <u>5</u>		Avg: <u>7.5000</u>		Min: <u>6.9900</u>		Max: <u>8.4100</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

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## Phenanthrene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00588
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00588
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00588
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.389		0.389	0.389			.0000		0.00588
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00588
Total Concentration Results: <u>5</u>		Avg: <u>1.6778</u>	Min: <u>.3890</u>	Max: <u>2.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>	Min: <u>.0000</u>	Max: <u>.0001</u>										

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	0.069			0.069			.0019		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	0.103			0.103			.0031		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	0.467			0.467			.0141		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	0.16			0.16			.0036		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	0.808			0.808			.0135		
Total Concentration Results: <u>5</u>		Avg: <u>.3214</u>	Min: <u>.0690</u>	Max: <u>.8080</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0072</u>	Min: <u>.0019</u>	Max: <u>.0141</u>										

## Pyrene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		2	2			.0001		0.00600
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<2		2	2			.0001		0.00600
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		2.0	2			.0001		0.00600
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<.464		0.464	0.464			.0000		0.00600
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<2		2	2			.0000		0.00600

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## Pyrene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>1.6928</u>	Min: <u>.4640</u>	Max: <u>2.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>	Min: <u>.0000</u>	Max: <u>.0001</u>										

## Selenium, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.010	0.01			.0003		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.010		0.010	0.01			.0003		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.01	0.01			.0003		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.050	0.05			.0011		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.010		0.010	0.01			.0002		
Total Concentration Results: <u>5</u>		Avg: <u>.0180</u>	Min: <u>.0100</u>	Max: <u>.0500</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0004</u>	Min: <u>.0002</u>	Max: <u>.0011</u>										

## Silver, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.007	0.007			.0002		
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.007		0.007	0.007			.0002		
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.007	0.007			.0002		
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	nd		0.010	0.01			.0002		
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.007		0.007	0.007			.0001		
Total Concentration Results: <u>5</u>		Avg: <u>.0076</u>	Min: <u>.0070</u>	Max: <u>.0100</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0001</u>	Max: <u>.0002</u>										

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	c	18.1			18.1		65			
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	c	22.8			22.8		65			
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	c	22.3			22.3		65			
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	c	16.1			16.1		65			
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	c	15.4			15.4		65			
Total Concentration Results: <u>5</u>		Avg: <u>18.9400</u>		Min: <u>15.4000</u>		Max: <u>22.8000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Tetrachloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.02052
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.02052
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.02052
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<4.00		4.00	4			.0001		0.02052
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.02052
Total Concentration Results: <u>5</u>		Avg: <u>7.8000</u>		Min: <u>4.0000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

## Toluene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.00926
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	6.9			6.9			.0002		0.00926
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.00926
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	9.00			9.00			.0002		0.00926
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.00926

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## Toluene

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>9.1800</u>		Min: <u>6.9000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0002</u>		Max: <u>.0003</u>								

## trans-1,2-Dichloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		15	15			.0004		0.00826
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<7.5		7.5	7.5			.0002		0.00826
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		15	15			.0005		0.00826
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.00		3.00	3			.0001		0.00826
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<15		15	15			.0003		0.00826
Total Concentration Results: <u>5</u>		Avg: <u>11.1000</u>		Min: <u>3.0000</u>		Max: <u>15.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0001</u>		Max: <u>.0005</u>								

## Trichloroethene

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.00863
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.00863
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.00863
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<3.60		3.60	3.6			.0001		0.00863
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.00863
Total Concentration Results: <u>5</u>		Avg: <u>7.7200</u>		Min: <u>3.6000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: **119 Authority Drive , Fitchburg, MA 01420**

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		10	10			.2726		30
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	15			15			.4577		30
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		36	36			1.0848		30
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	29			29			.6530		30
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	14			14			.2342		30
Total Concentration Results: <u>5</u>		Avg: <u>20.8000</u>		Min: <u>10.0000</u>		Max: <u>36.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.5405</u>		Min: <u>.2342</u>		Max: <u>1.0848</u>								

## Vinyl Chloride

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	GRAB	03-05-2021	ug/L	nd		10	10			.0003		0.02152
OMNOVA_2nd_Qtr_2021-smr	IU	001	GRAB	06-04-2021	ug/L	<5		5	5			.0002		0.02152
OMNOVA_3rd_QTR_2021-smr	IU	001	GRAB	09-03-2021	ug/L	nd		10	10			.0003		0.02152
OMNOVA_2021_Annual_samp	A	001	GRAB	11-05-2021	ug/L	<4.0		4.0	4			.0001		0.02152
OMNOVA_4th_QTR_2021-smr	IU	001	GRAB	11-12-2021	ug/L	<10		10	10			.0002		0.02152
Total Concentration Results: <u>5</u>		Avg: <u>7.8000</u>		Min: <u>4.0000</u>		Max: <u>10.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
OMNOVA_1st_Qtr_2021-smr	IU	001	COMP	03-05-2021	mg/L	nd		0.050	0.05			.0014		0.1251
OMNOVA_2nd_Qtr_2021-smr	IU	001	COMP	06-04-2021	mg/L	<0.050		0.050	0.05			.0015		0.1251
OMNOVA_3rd_QTR_2021-smr	IU	001	COMP	09-03-2021	mg/L	nd		0.005	0.005			.0002		0.1251
OMNOVA_2021_Annual_samp	A	001	COMP	11-05-2021	mg/L	0.81			0.81			.0182		0.1251
OMNOVA_4th_QTR_2021-smr	IU	001	COMP	11-12-2021	mg/L	<0.050		0.050	0.05			.0008		0.1251

Permit: **316**  
 Permittee: **OMNOVA Solutions Inc.**  
 Location: 119 Authority Drive , Fitchburg, MA 01420

### Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.1930</u>		Min: <u>.0050</u>		Max: <u>.8100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0044</u>		Min: <u>.0002</u>		Max: <u>.0182</u>								

Permit: **256**  
 Permittee: **Rand-Whitney (DS Smith)**  
 Location: 100 Simplex Drive Unit 5, Westminster, MA 01473

### Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	COMP	02-11-2021	mg/L	<.1		0.1	0.1			.0008		0.033
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	COMP	04-22-2021	mg/L	0.152			0.152			.0012		0.033
Total Concentration Results: <u>2</u>		Avg: <u>.1260</u>	Min: <u>.1000</u>	Max: <u>.1520</u>										
Total Mass Results: <u>2</u>		Avg: <u>.0010</u>	Min: <u>.0008</u>	Max: <u>.0012</u>										

### Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	COMP	02-11-2021	mg/L	105			105			.8494		
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	COMP	04-22-2021	mg/L	0.62			0.62			.0050		
Total Concentration Results: <u>2</u>		Avg: <u>52.8100</u>	Min: <u>.6200</u>	Max: <u>105.0000</u>										
Total Mass Results: <u>2</u>		Avg: <u>.4272</u>	Min: <u>.0050</u>	Max: <u>.8494</u>										

Permit: **256**  
 Permittee: **Rand-Whitney (DS Smith)**  
 Location: **100 Simplex Drive Unit 5, Westminster, MA 01473**

## **BOD-5**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
DSSmith_2nd_half_2020-SMR	IU	001	COMP	01-20-2021	mg/L	821			821			6.6417		10.008
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	mg/L	975			975			7.8876		15
Rand_Whitney_2nd_QTR_202	IU	001	COMP	04-22-2021	mg/L	1900			1900			15.3706	D	15
Total Concentration Results: 3		Avg: <u>1232.0000</u>		Min: <u>821.0000</u>		Max: <u>1900.0000</u>								
Total Mass Results: 3		Avg: <u>9.9666</u>		Min: <u>6.6417</u>		Max: <u>15.3706</u>								

## **Cadmium, Total**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	mg/L	<.01		0.01	0.01			.0001		
Rand_Whitney_2nd_QTR_202	IU	001	COMP	04-22-2021	mg/L	<0.010		0.010	0.01			.0001		
Total Concentration Results: 2		Avg: <u>.0100</u>		Min: <u>.0100</u>		Max: <u>.0100</u>								
Total Mass Results: 2		Avg: <u>.0001</u>		Min: <u>.0001</u>		Max: <u>.0001</u>								

## **Copper, Total**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
DSSmith_2nd_half_2020-SMR	IU	001	COMP	01-20-2021	mg/L	nd		0.2	0.2			.0016		0.017
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	mg/L	<.02		0.02	0.02			.0002		0.020
Rand_Whitney_2nd_QTR_202	IU	001	COMP	04-22-2021	mg/L	<0.020		0.020	0.02			.0002		0.020
Total Concentration Results: 3		Avg: <u>.0800</u>		Min: <u>.0200</u>		Max: <u>.2000</u>								
Total Mass Results: 3		Avg: <u>.0007</u>		Min: <u>.0002</u>		Max: <u>.0016</u>								

## **Flow**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit



Permit: **256**  
 Permittee: **Rand-Whitney (DS Smith)**  
 Location: **100 Simplex Drive Unit 5, Westminster, MA 01473**

## Flow

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
DSSmith_2nd_half_2020-SMR	IU	001	COMP	01-20-2021	gpd	970			970		2000			
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	gpd	970			970		2,000			
Rand_Whitney_2nd_QTR_202	IU	001	COMP	04-22-2021	gpd	970			970		2,000			
Total Concentration Results: 3		Avg: 970.0000		Min: 970.0000		Max: 970.0000								
Total Mass Results: 0		Avg:		Min:		Max:								

## Lead, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	mg/L	<.10		0.10	0.1			.0008		
Rand_Whitney_2nd_QTR_202	IU	001	COMP	04-22-2021	mg/L	<0.020		0.020	0.02			.0002		
Total Concentration Results: 2		Avg: .0600		Min: .0200		Max: .1000								
Total Mass Results: 2		Avg: .0005		Min: .0002		Max: .0008								

## Mercury, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	mg/L	<.00020		0.00020	0.0002			.0000		0.00001
Rand_Whitney_2nd_QTR_202	IU	001	COMP	04-22-2021	mg/L	<.00020		0.00020	0.0002			.0000		0.00001
Total Concentration Results: 2		Avg: .0002		Min: .0002		Max: .0002								
Total Mass Results: 2		Avg: .0000		Min: .0000		Max: .0000								

## Nickel, Total

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Rand_Whitney_1st_qtr_2021-	IU	001	COMP	02-11-2021	mg/L	<.050		0.050	0.05			.0004		

Permit: **256**  
 Permittee: **Rand-Whitney (DS Smith)**  
 Location: **100 Simplex Drive Unit 5, Westminster, MA 01473**

## Nickel, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	COMP	04-22-2021	mg/L	<.050		0.050	0.05			.0004		
Total Concentration Results: <u>2</u>		Avg: <u>.0500</u>	Min: <u>.0500</u>	Max: <u>.0500</u>										
Total Mass Results: <u>2</u>		Avg: <u>.0004</u>	Min: <u>.0004</u>	Max: <u>.0004</u>										

## Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>DSSmith_2nd_half_2020-SMR</b>	IU	001	GRAB	01-20-2021	mg/L	nd		4.8	4.8			.0388		1.668
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	GRAB	02-11-2021	mg/L	<4.75		4.75	4.75		100	.0384		
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	GRAB	04-22-2021	mg/L	<4.76		4.76	4.76		100	.0385		
Total Concentration Results: <u>3</u>		Avg: <u>4.7700</u>	Min: <u>4.7500</u>	Max: <u>4.8000</u>										
Total Mass Results: <u>3</u>		Avg: <u>.0386</u>	Min: <u>.0384</u>	Max: <u>.0388</u>										

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>DSSmith_2nd_half_2020-SMR</b>	IU	001	GRAB	01-20-2021	SU	7.43			7.43		5.5-9.5			
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	GRAB	02-11-2021	SU	7.10			7.10		5.5-11.0			
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	GRAB	04-22-2021	SU	7.85			7.85		5.5-11.0			
Total Concentration Results: <u>3</u>		Avg: <u>7.4600</u>	Min: <u>7.1000</u>	Max: <u>7.8500</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	COMP	02-11-2021	mg/L	<0.10		0.10	0.1			.0008		

Permit: **256**  
 Permittee: **Rand-Whitney (DS Smith)**  
 Location: **100 Simplex Drive Unit 5, Westminster, MA 01473**

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	COMP	04-22-2021	mg/L	0.27			0.27			.0022		
Total Concentration Results: <u>2</u>		Avg: <u>.1850</u>	Min: <u>.1000</u>	Max: <u>.2700</u>										
Total Mass Results: <u>2</u>		Avg: <u>.0015</u>	Min: <u>.0008</u>	Max: <u>.0022</u>										

## Silver, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>DSSmith_2nd_half_2020-SMR</b>	IU	001	COMP	01-20-2021	mg/L	nd		0.1	0.1			.0008		0.017
Total Concentration Results: <u>1</u>		Avg: <u>.1000</u>	Min: <u>.1000</u>	Max: <u>.1000</u>										
Total Mass Results: <u>1</u>		Avg: <u>.0008</u>	Min: <u>.0008</u>	Max: <u>.0008</u>										

## Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>DSSmith_2nd_half_2020-SMR</b>	IU	001	GRAB	01-20-2021	c	13.5			13.5		65			
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	GRAB	02-11-2021	c	14			14		65			
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	GRAB	04-22-2021	c	16.0			16.0		65			
Total Concentration Results: <u>3</u>		Avg: <u>14.5000</u>	Min: <u>13.5000</u>	Max: <u>16.0000</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>DSSmith_2nd_half_2020-SMR</b>	IU	001	COMP	01-20-2021	mg/L	nd		5	5			.0404		5.004
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	COMP	02-11-2021	mg/L	<5		5	5			.0404		5
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	COMP	04-22-2021	mg/L	<5		5	5			.0404		5

Permit: **256**  
 Permittee: **Rand-Whitney (DS Smith)**  
 Location: **100 Simplex Drive Unit 5, Westminster, MA 01473**

## TSS

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: 3		Avg: 5.0000		Min: 5.0000		Max: 5.0000								
Total Mass Results: 3		Avg: .0404		Min: .0404		Max: .0404								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>DSSmith_2nd_half_2020-SMR</b>	IU	001	COMP	01-20-2021	mg/L	1.19			1.19			.0096		0.017
<b>Rand_Whitney_1st_qtr_2021-</b>	IU	001	COMP	02-11-2021	mg/L	0.512			0.512			.0041		
<b>Rand_Whitney_2nd_QTR_202</b>	IU	001	COMP	04-22-2021	mg/L	0.600			0.600			.0049		
Total Concentration Results: <u>3</u>		Avg: <u>.7673</u>	Min: <u>.5120</u>	Max: <u>1.1900</u>										
Total Mass Results: <u>3</u>		Avg: <u>.0062</u>	Min: <u>.0041</u>	Max: <u>.0096</u>										

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Select_1st_Qtr_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	0.84			0.84			.0574		0.33
<b>Select_2nd_Qtr_smr_2021-sm</b>	IU	001	COMP	06-03-2021	mg/L	1.50			1.50			.1026		0.33
<b>Select_2021_Annual_samplin</b>	A	001	COMP	08-11-2021	mg/L	1.5			1.5			.1026		0.33
<b>Select_3rd_QTR_2021-smr</b>	IU	001	COMP	09-08-2021	mg/L	1.05			1.05			.0701		0.33
<b>Select_4th_QTR_2021-smr</b>	IU	001	COMP	12-02-2021	mg/L	1.20			1.20			.0801		0.33
Total Concentration Results: <u>5</u>		Avg: <u>1.2180</u>	Min: <u>.8400</u>	Max: <u>1.5000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0826</u>	Min: <u>.0574</u>	Max: <u>.1026</u>										

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	205			205			14.0195		
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		1.0	1			.0684		
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	270			270			18.4648		
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	275			275			18.3480		
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	189			189			12.6101		
Total Concentration Results: <u>5</u>		Avg: <u>188.0000</u>		Min: <u>1.0000</u>		Max: <u>275.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>12.7022</u>		Min: <u>.0684</u>		Max: <u>18.4648</u>								

## Arsenic, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.005	0.005			.0003		
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.0032			0.0032			.0002		
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		
Total Concentration Results: <u>5</u>		Avg: <u>.0046</u>		Min: <u>.0032</u>		Max: <u>.0050</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0002</u>		Max: <u>.0003</u>								

## BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	780.10			780.10			53.3495	D	40
Select_resample_1_for_NOV-		001	COMP	03-24-2021	mg/L	835			835			57.1040	D T	40
Select_resample_2_for_NOV-		001	COMP	03-31-2021	mg/L	885			885			60.5234	D T	40
Select_resample_3_for_NOV-		001	COMP	04-01-2021	mg/L	840			840			57.4459	D T	40
Select_resample_4_for_NOV-		001	COMP	04-02-2021	mg/L	860			860			58.8137	D T	40
Select_resample_5_for_NOV-		001	COMP	05-19-2021	mg/L	695			695			47.5297	D	40
Select_resample_6_for_NOV-		001	COMP	06-01-2021	mg/L	960			960			65.6525		100

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## **BOD-5**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_resample_7_for_NOV-		001	COMP	06-02-2021	mg/L	670			670			45.8200		100
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	1260.00			1260.00			86.1689		100
Select_resample_8_for_NOV-		001	COMP	06-03-2021	mg/L	865			865			59.1556		100
Select_resample_9_for_NOV-		001	COMP	06-04-2021	mg/L	1100			1100			75.2268		100
Select_resample_10_for_NOV		001	COMP	06-07-2021	mg/L	600			600			41.0328		100
Select_resample_11_for_NOV		001	COMP	06-08-2021	mg/L	700			700			47.8716		100
Select_resample_12_for_NOV		001	COMP	06-09-2021	mg/L	725			725			49.5813		100
Select_resample_13_for_NOV		001	COMP	06-10-2021	mg/L	690			690			47.1877		100
Select_resample_14_for_NOV		001	COMP	06-14-2021	mg/L	495			495			33.8521		100
Select_resample_15_for_NOV		001	COMP	06-16-2021	mg/L	685			685			46.8458		100
Select_resample_16_for_NOV		001	COMP	06-17-2021	mg/L	550			550			37.6134		100
Select_resample_17_for_NOV		001	COMP	06-18-2021	mg/L	725			725			49.5813		100
Select_resample_18_for_NOV		001	COMP	06-21-2021	mg/L	1260			1260			86.1689		100
Select_resample_19_for_NOV		001	COMP	06-22-2021	mg/L	1140			1140			77.9623		100
Select_resample_20_for_NOV		001	COMP	06-23-2021	mg/L	1290			1290			88.2205		100
Select_resample_21_for_NOV		001	COMP	06-24-2021	mg/L	1320			1320			90.2722		100
Select_resample_22_for_NOV		001	COMP	06-28-2021	mg/L	930			930			63.6008		100
Select_resample_23_for_NOV		001	COMP	06-29-2021	mg/L	780			780			53.3426		100
Select_resample_24_for_NOV		001	COMP	06-30-2021	mg/L	435			435			29.7488		100
Select_resample_25_for_NOV		001	COMP	07-01-2021	mg/L	495			495			33.8521		100
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	240			240			16.4131		100
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	630			630			42.0336		100
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	1050			1050			70.0560		100
Total Concentration Results: <u>30</u>		Avg: <u>816.3367</u>		Min: <u>240.0000</u>		Max: <u>1320.0000</u>								
Total Mass Results: <u>30</u>		Avg: <u>55.7342</u>		Min: <u>16.4131</u>		Max: <u>90.2722</u>								

## **Cadmium, Total**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.0058
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.005	0.005			.0003		0.0058

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

### Cadmium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	nd		0.0002	0.0002			.0000		0.0058
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		0.0058
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		0.0058
Total Concentration Results: <u>5</u>		Avg: <u>.0040</u>	Min: <u>.0002</u>	Max: <u>.0050</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0002</u>	Min: <u>.0000</u>	Max: <u>.0003</u>										

### Chromium (VI)

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	GRAB	03-09-2021	mg/L	nd		0.005	0.005			.0003		
Select_2nd_Qtr_smr_2021-sm	IU	001	GRAB	06-03-2021	mg/L	nd		0.005	0.005			.0003		
Select_2021_Annual_samplin	A	001	GRAB	08-11-2021	mg/L	nd		0.0040	0.004			.0003		
Select_3rd_QTR_2021-smr	IU	001	GRAB	09-08-2021	mg/L	nd		0.005	0.005			.0003		
Select_4th_QTR_2021-smr	IU	001	GRAB	12-02-2021	mg/L	nd		0.005	0.005					
Total Concentration Results: <u>5</u>		Avg: <u>.0048</u>	Min: <u>.0040</u>	Max: <u>.0050</u>										
Total Mass Results: <u>4</u>		Avg: <u>.0003</u>	Min: <u>.0003</u>	Max: <u>.0003</u>										

### Chromium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.2852
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.005	0.005			.0003		0.2852
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.0092			0.0092			.0006		0.2852
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		0.2852
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		0.2852
Total Concentration Results: <u>5</u>		Avg: <u>.0058</u>	Min: <u>.0050</u>	Max: <u>.0092</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0004</u>	Min: <u>.0003</u>	Max: <u>.0006</u>										

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.004
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	0.05			0.05			.0034		0.004
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.030			0.030			.0021		0.004
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		0.004
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		0.004
Total Concentration Results: <u>5</u>		Avg: <u>.0190</u>	Min: <u>.0050</u>	Max: <u>.0500</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0013</u>	Min: <u>.0003</u>	Max: <u>.0034</u>										

## Cyanide, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	GRAB	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.1084
Select_2nd_Qtr_smr_2021-sm	IU	001	GRAB	06-03-2021	mg/L	nd		1.00	1			.0684		0.1084
Select_2021_Annual_samplin	A	001	GRAB	08-11-2021	mg/L	0.013			0.013			.0009		0.1084
Select_3rd_QTR_2021-smr	IU	001	GRAB	09-08-2021	mg/L	nd		1.0	1			.0667		0.1084
Select_4th_QTR_2021-smr	IU	001	GRAB	12-02-2021	mg/L	nd		1.0	1			.0667		0.1084
Total Concentration Results: <u>5</u>		Avg: <u>.6036</u>	Min: <u>.0050</u>	Max: <u>1.0000</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0406</u>	Min: <u>.0003</u>	Max: <u>.0684</u>										

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	gpd	8200			8200					
Select_resample_1_for_NOV-		001	COMP	03-24-2021	gpd	8200			8200					
Select_resample_2_for_NOV-		001	COMP	03-31-2021	gpd	8200			8200					
Select_resample_3_for_NOV-		001	COMP	04-01-2021	gpd	8200			8200					
Select_resample_4_for_NOV-		001	COMP	04-02-2021	gpd	8200			8200					
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	gpd	8200			8200					
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	gpd	8200			8200					



Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	gpd	8000			8000					
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	gpd	8000			8000					
Total Concentration Results: <u>9</u>		Avg: <u>8155.5556</u>		Min: <u>8000.0000</u>		Max: <u>8200.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.0717
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.005	0.005			.0003		0.0717
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.00088			0.00088			.0001		0.0717
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		0.0717
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		0.0717
Total Concentration Results: <u>5</u>		Avg: <u>.0042</u>		Min: <u>.0009</u>		Max: <u>.0050</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0003</u>		Min: <u>.0001</u>		Max: <u>.0003</u>								

## Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	<.001		0.001	0.001			.0001		0.00012
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.001	0.001			.0001		0.00012
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	nd		0.00010	0.0001			.0000		0.00012
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.001	0.001			.0001		0.00012
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.001	0.001			.0001		0.00012
Total Concentration Results: <u>5</u>		Avg: <u>.0008</u>		Min: <u>.0001</u>		Max: <u>.0010</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0001</u>		Min: <u>.0000</u>		Max: <u>.0001</u>								

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## Nickel, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.3970
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.005	0.005			.0003		0.3970
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.019			0.019			.0013		0.3970
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		0.3970
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		0.3970
Total Concentration Results: <u>5</u>		Avg: <u>.0078</u>	Min: <u>.0050</u>	Max: <u>.0190</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0005</u>	Min: <u>.0003</u>	Max: <u>.0013</u>										

## Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	GRAB	03-09-2021	mg/L	nd		1.00	1		100			
Select_2nd_Qtr_smr_2021-sm	IU	001	GRAB	06-03-2021	mg/L	nd		1.0	1		100			
Select_2021_Annual_samplin	A	001	GRAB	08-11-2021	mg/L	nd		5.6	5.6		100	.3830		
Select_3rd_QTR_2021-smr	IU	001	GRAB	09-08-2021	mg/L	ND		1.0	1		100			
Select_4th_QTR_2021-smr	IU	001	GRAB	12-02-2021	mg/L	nd		1.0	1		100			
Total Concentration Results: <u>5</u>		Avg: <u>1.9200</u>	Min: <u>1.0000</u>	Max: <u>5.6000</u>										
Total Mass Results: <u>1</u>		Avg: <u>.3830</u>	Min: <u>.3830</u>	Max: <u>.3830</u>										

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	GRAB	03-09-2021	SU	7.10			7.10		5.5-11.0			
Select_2nd_Qtr_smr_2021-sm	IU	001	GRAB	06-03-2021	SU	7.44			7.44		5.5-11.0			
Select_2021_Annual_samplin	A	001	GRAB	08-11-2021	SU	7.84			7.84		5.5-11.0			
Select_3rd_QTR_2021-smr	IU	001	GRAB	09-08-2021	SU	7.16			7.16		5.5-11.0			
Select_4th_QTR_2021-smr	IU	001	GRAB	12-02-2021	SU	7.41			7.41		5.5-11.0			

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## pH

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>7.3900</u>		Min: <u>7.1000</u>		Max: <u>7.8400</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	nd		1.00	1			.0684		
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		1.0	1			.0684		
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.10			0.10			.0068		
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	nd		1.0	1			.0667		
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	nd		1.0	1			.0667		
Total Concentration Results: <u>5</u>		Avg: <u>.8200</u>		Min: <u>.1000</u>		Max: <u>1.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0554</u>		Min: <u>.0068</u>		Max: <u>.0684</u>								

## Selenium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	0.09			0.09			.0062		0.417
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	0.13			0.13			.0089		0.417
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.150			0.150			.0103		0.417
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	0.08			0.08			.0053		0.417
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	0.15			0.15			.0100		0.417
Total Concentration Results: <u>5</u>		Avg: <u>.1200</u>		Min: <u>.0800</u>		Max: <u>.1500</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0081</u>		Min: <u>.0053</u>		Max: <u>.0103</u>								

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## Silver, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	0.06			0.06			.0041		0.0400
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	nd		0.005	0.005			.0003		0.0400
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	0.120			0.120			.0082		0.0400
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	0.05			0.05			.0033		0.0400
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	0.08			0.08			.0053		0.0400
Total Concentration Results: <u>5</u>		Avg: <u>.0630</u>	Min: <u>.0050</u>	Max: <u>.1200</u>										
Total Mass Results: <u>5</u>		Avg: <u>.0042</u>	Min: <u>.0003</u>	Max: <u>.0082</u>										

## Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	GRAB	03-09-2021	c	23			23		65			
Select_2nd_Qtr_smr_2021-sm	IU	001	GRAB	06-03-2021	c	23			23		65			
Select_2021_Annual_samplin	A	001	GRAB	08-11-2021	c	25.2			25.2		65			
Select_3rd_QTR_2021-smr	IU	001	GRAB	09-08-2021	c	23			23		65			
Select_4th_QTR_2021-smr	IU	001	GRAB	12-02-2021	c	23			23		65			
Total Concentration Results: <u>5</u>		Avg: <u>23.4400</u>	Min: <u>23.0000</u>	Max: <u>25.2000</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Select_1st_Qtr_2021-smr	IU	001	COMP	03-09-2021	mg/L	328			328			22.4313		100
Select_2nd_Qtr_smr_2021-sm	IU	001	COMP	06-03-2021	mg/L	40.50			40.50			2.7697		100
Select_2021_Annual_samplin	A	001	COMP	08-11-2021	mg/L	60			60			4.1033		100
Select_3rd_QTR_2021-smr	IU	001	COMP	09-08-2021	mg/L	41.60			41.60			2.7756		100
Select_4th_QTR_2021-smr	IU	001	COMP	12-02-2021	mg/L	33.30			33.30			2.2218		100

Permit: **246**  
 Permittee: **Select Engineering**  
 Location: **260 Lunenburg , Fitchburg, MA 01420**

## TSS

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>100.6800</u>		Min: <u>33.3000</u>		Max: <u>328.0000</u>								
Total Mass Results: <u>5</u>		Avg: <u>6.8603</u>		Min: <u>2.2218</u>		Max: <u>22.4313</u>								

## TTO 1 (413/433) electroplating or metal fini

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Select_1st_Qtr_2021-smr</b>	IU	001	GRAB	03-09-2021	mg/L	0.0019			0.0019		2.13			
<b>Select_2nd_Qtr_smr_2021-sm</b>	IU	001	GRAB	06-03-2021	mg/L	0.00215			0.00215		2.13	.0001		
<b>Select_2021_Annual_samplin</b>	A	001	GRAB	08-11-2021	mg/L	<2.13		2.13	2.13		2.13	.1457		
<b>Select_3rd_QTR_2021-smr</b>	IU	001	GRAB	09-08-2021	mg/L	nd		.0005	0		2.13	.0000		
<b>Select_4th_QTR_2021-smr</b>	IU	001	GRAB	12-02-2021	mg/L	0.00106			0.00106		2.13	.0001		
Total Concentration Results: <u>5</u>		Avg: <u>.4270</u>		Min: <u>.0000</u>		Max: <u>2.1300</u>								
Total Mass Results: <u>4</u>		Avg: <u>.0365</u>		Min: <u>.0000</u>		Max: <u>.1457</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
<b>Select_1st_Qtr_2021-smr</b>	IU	001	COMP	03-09-2021	mg/L	nd		0.005	0.005			.0003		0.2469
<b>Select_2nd_Qtr_smr_2021-sm</b>	IU	001	COMP	06-03-2021	mg/L	0.015			0.015			.0010		0.2469
<b>Select_2021_Annual_samplin</b>	A	001	COMP	08-11-2021	mg/L	0.050			0.050			.0034		0.2469
<b>Select_3rd_QTR_2021-smr</b>	IU	001	COMP	09-08-2021	mg/L	nd		0.005	0.005			.0003		0.2469
<b>Select_4th_QTR_2021-smr</b>	IU	001	COMP	12-02-2021	mg/L	nd		0.005	0.005			.0003		0.2469
Total Concentration Results: <u>5</u>		Avg: <u>.0160</u>		Min: <u>.0050</u>		Max: <u>.0500</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0011</u>		Min: <u>.0003</u>		Max: <u>.0034</u>								

Permit: **241**  
 Permittee: **Utz Quality Foods Inc**  
 Location: **759 Water Street, Route 12**, Fitchburg, MA 01420

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	1.3			1.3			.5378		1.25
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	1.09			1.09			.5227		1.25
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	1.12			1.12			.5021		1.25
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	1.3			1.3			.6328		1.25
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	2.83			2.83			1.1825		1.25
Total Concentration Results: <u>5</u>		Avg: <u>1.5280</u>		Min: <u>1.0900</u>		Max: <u>2.8300</u>								
Total Mass Results: <u>5</u>		Avg: <u>.6756</u>		Min: <u>.5021</u>		Max: <u>1.1825</u>								

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	2.84			2.84			1.1748		
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	3.14			3.14			1.5058		
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	23.2			23.2			10.4000		
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	9.5			9.5			4.6247		
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	3.35			3.35			1.3997		
Total Concentration Results: <u>5</u>		Avg: <u>8.4060</u>		Min: <u>2.8400</u>		Max: <u>23.2000</u>								
Total Mass Results: <u>5</u>		Avg: <u>3.8210</u>		Min: <u>1.1748</u>		Max: <u>10.4000</u>								

## BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	1200			1200			496.3968		1400
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	680			680			326.0940		1400
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	2800			2800			1255.1700		1400
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	3400			3400			1655.1397	D	1400
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	1200			1200			501.4008		1400
UTZ_resample_1_NOV-102521		001	COMP	11-16-2021	mg/L	1400			1400			644.5152		1400
UTZ_resample_2_NOV-102521		001	COMP	11-17-2021	mg/L	1000			1000			422.8380		1400

Permit: **241**  
 Permittee: **Utz Quality Foods Inc**  
 Location: **759 Water Street, Route 12 , Fitchburg, MA 01420**

## **BOD-5**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>7</u>		Avg: <u>1668.5714</u>		Min: <u>680.0000</u>		Max: <u>3400.0000</u>								
Total Mass Results: <u>7</u>		Avg: <u>757.3649</u>		Min: <u>326.0940</u>		Max: <u>1655.1397</u>								

## **Cadmium, Total**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	nd		0.005	0.005			.0021		
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	nd		0.005	0.005			.0024		
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	<.005		0.005	0.005			.0022		
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	<.0040		0.0040	0.004			.0019		
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	nd		0.005	0.005			.0021		
Total Concentration Results: <u>5</u>		Avg: <u>.0048</u>		Min: <u>.0040</u>		Max: <u>.0050</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0021</u>		Min: <u>.0019</u>		Max: <u>.0024</u>								

## **Copper, Total**

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	0.08			0.08			.0331		
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	0.052			0.052			.0249		
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	0.064			0.064			.0287		
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	0.073			0.073			.0355		
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.08			0.08			.0334		
Total Concentration Results: <u>5</u>		Avg: <u>.0698</u>		Min: <u>.0520</u>		Max: <u>.0800</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0311</u>		Min: <u>.0249</u>		Max: <u>.0355</u>								

Permit: **241**  
Permittee: **Utz Quality Foods Inc**  
Location: **759 Water Street, Route 12 , Fitchburg, MA 01420**

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	gpd	49600			49600		75,000			
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	gpd	57500			57500		75,000			
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	gpd	53750			53750		75,000			
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	gpd	58370			58370		75,000			
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	gpd	50100			50100		75,000			
UTZ_resample_1_NOV-102521		001	COMP	11-16-2021	gpd	55200			55200		75,000			
UTZ_resample_2_NOV-102521		001	COMP	11-17-2021	gpd	50700			50700		75,000			
Total Concentration Results: <u>7</u>		Avg: <u>53602.8571</u>		Min: <u>49600.0000</u>		Max: <u>58370.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	nd		0.01	0.01			.0041		
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	nd		0.01	0.01			.0048		
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	<.01		0.01	0.01			.0045		
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	<.010		0.010	0.01			.0049		
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	nd		0.01	0.01			.0042		
Total Concentration Results: <u>5</u>		Avg: <u>.0100</u>		Min: <u>.0100</u>		Max: <u>.0100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.0045</u>		Min: <u>.0041</u>		Max: <u>.0049</u>								

## Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	GRAB	03-18-2021	mg/L	4.1			4.1		100			
UTZ_2nd_QTR_2021-smr	IU	001	GRAB	05-27-2021	mg/L	6.4			6.4		100			
UTZ_3rd_QTR_2021-smr	IU	001	GRAB	08-26-2021	mg/L	5.45			5.45		100	2.4431		
UTZ_Annual_sampling_2021	A	001	GRAB	09-08-2021	mg/L	31.75			31.75		100			
UTZ_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	mg/L	5.5			5.5		100	2.2981		



Permit: **241**  
 Permittee: **Utz Quality Foods Inc**  
 Location: **759 Water Street, Route 12 , Fitchburg, MA 01420**

## Oil and Grease

							CONCENTRATION					MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>10.6400</u>		Min: <u>4.1000</u>		Max: <u>31.7500</u>								
Total Mass Results: <u>2</u>		Avg: <u>2.3706</u>		Min: <u>2.2981</u>		Max: <u>2.4431</u>								

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	GRAB	03-18-2021	SU	6.84			6.84		5.5-11.0			
UTZ_2nd_QTR_2021-smr	IU	001	GRAB	05-27-2021	SU	6.86			6.86		5.5-11.0			
UTZ_3rd_QTR_2021-smr	IU	001	GRAB	08-26-2021	SU	6.74			6.74		5.5-11.0			
UTZ_Annual_sampling_2021	A	001	GRAB	09-08-2021	SU	6.85			6.85		5.5-11.0			
UTZ_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	SU	6.64			6.64		5.5-11.0			
Total Concentration Results: <u>5</u>		Avg: <u>6.7860</u>	Min: <u>6.6400</u>	Max: <u>6.8600</u>										
Total Mass Results: <u>0</u>		Avg:	Min:	Max:										

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	16.6			16.6			6.8668		
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	17.8			17.8			8.5360		
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	26.4			26.4			11.8345		
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	8.0			8.0			3.8944		
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	19.1			19.1			7.9806		
Total Concentration Results: <u>5</u>		Avg: <u>17.5800</u>	Min: <u>8.0000</u>	Max: <u>26.4000</u>										
Total Mass Results: <u>5</u>		Avg: <u>7.8225</u>	Min: <u>3.8944</u>	Max: <u>11.8345</u>										

Permit: **241**  
 Permittee: **Utz Quality Foods Inc**  
 Location: **759 Water Street, Route 12 , Fitchburg, MA 01420**

## Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	GRAB	03-18-2021	c	12.1			12.1		65			
UTZ_2nd_QTR_2021-smr	IU	001	GRAB	05-27-2021	c	22.2			22.2		65			
UTZ_3rd_QTR_2021-smr	IU	001	GRAB	08-26-2021	c	12.1			12.1		65			
UTZ_Annual_sampling_2021	A	001	GRAB	09-08-2021	c	22.5			22.5		65			
UTZ_4th_QTR_2021-smr	IU	001	GRAB	11-15-2021	c	14.4			14.4		65			
Total Concentration Results: <u>5</u>		Avg: <u>16.6600</u>		Min: <u>12.1000</u>		Max: <u>22.5000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	480			480			198.5587		2400
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	3100			3100			1486.6050		2400
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	1300			1300			582.7575		2400
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	6900			6900			3358.9600	D	2400
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	370			370			154.5986		2400
UTZ_resample_1_NOV-102521		001	COMP	11-16-2021	mg/L	410			410			188.7509		2400
UTZ_resample_2_NOV-102521		001	COMP	11-17-2021	mg/L	2400			2400			1014.8112		2400
Total Concentration Results: <u>7</u>		Avg: <u>2137.1429</u>		Min: <u>370.0000</u>		Max: <u>6900.0000</u>								
Total Mass Results: <u>7</u>		Avg: <u>997.8631</u>		Min: <u>154.5986</u>		Max: <u>3358.9600</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
UTZ_1st_Qtr_2021-smr	IU	001	COMP	03-18-2021	mg/L	0.205			0.205			.0848		
UTZ_2nd_QTR_2021-smr	IU	001	COMP	05-27-2021	mg/L	0.228			0.228			.1093		
UTZ_3rd_QTR_2021-smr	IU	001	COMP	08-26-2021	mg/L	0.25			0.25			.1121		
UTZ_Annual_sampling_2021	A	001	COMP	09-08-2021	mg/L	0.31			0.31			.1509		
UTZ_4th_QTR_2021-smr	IU	001	COMP	11-15-2021	mg/L	0.216			0.216			.0903		

Permit: **241**  
 Permittee: **Utz Quality Foods Inc**  
 Location: **759 Water Street, Route 12 , Fitchburg, MA 01420**

## Zinc, Total

						CONCENTRATION						MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>5</u>		Avg: <u>.2418</u>		Min: <u>.2050</u>		Max: <u>.3100</u>								
Total Mass Results: <u>5</u>		Avg: <u>.1095</u>		Min: <u>.0848</u>		Max: <u>.1509</u>								

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## Aluminum, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.437			0.437			.1435		0.67
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	0.123			0.123			.0349		0.67
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	0.216			0.216			.0505		0.67
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	nd		0.004	0.004			.0008		0.67
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	0.411			0.411			.1123		0.67
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	0.827			0.827			.1916		0.67
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	0.769			0.769			.1677		0.67
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	0.211			0.211			.0368		0.67
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	0.192			0.192			.0368		0.67
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	0.17			0.17			.0342		0.67
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	0.34			0.34			.0598		0.67
Total Concentration Results: <u>11</u>		Avg: <u>.3364</u>	Min: <u>.0040</u>	Max: <u>.8270</u>										
Total Mass Results: <u>11</u>		Avg: <u>.0790</u>	Min: <u>.0008</u>	Max: <u>.1916</u>										

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	3.6			3.6			1.1825		

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## Ammonia

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	nd		0.1	0.1			.0284		
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	3.8			3.8			.8879		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	0.24			0.24			.0456		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	7.1			7.1			1.9404		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	2.7			2.7			.6256		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	0.12			0.12			.0262		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	nd		0.1	0.1			.0120		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	16			16			2.7906		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	0.5			0.5			.0958		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	1.7			1.7			.3419		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	0.98			0.98			.1724		
Total Concentration Results: <u>12</u>		Avg: <u>3.0783</u>	Min: <u>.1000</u>	Max: <u>16.0000</u>										
Total Mass Results: <u>12</u>		Avg: <u>.6791</u>	Min: <u>.0120</u>	Max: <u>2.7906</u>										

## BOD-5

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	20400			20400			6700.9765	D T	2000
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	8320			8320			2362.6193	D	2000
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	13900			13900			3247.8987	D T	2000
resample-1_for_NOV_3-31		001	COMP	04-19-2021	mg/L	16300			16300			4845.9245	D T	2000
resample-2_for_NOV_3-31		001	COMP	04-26-2021	mg/L	8610			8610			1946.9140		2000
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	10100			10100			1920.4510		2000
resample-3_for_NOV_3-31		001	COMP	05-10-2021	mg/L	9500			9500			2883.7343	D T	2000
resample-4_for_NOV_3-31		001	COMP	05-17-2021	mg/L	17300			17300			4643.5719	D T	2000
resample-5_for_NOV_3-31		001	COMP	05-24-2021	mg/L	10400			10400			3431.5364	D T	2000
resample-6_for_NOV_3-31		001	COMP	06-01-2021	mg/L	16100			16100			5222.9901	D T	2000
resample-7_for_NOV_3-31		001	COMP	06-08-2021	mg/L	19200			19200			5165.8894	D T	2000
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	17200			17200			4700.7910	D T	2000
resample-8_for_NOV_3-31		001	COMP	06-21-2021	mg/L	21800			21800			4881.6522	D T	2000
resample-9_for_NOV_3-31		001	COMP	06-28-2021	mg/L	6210			6210			1634.5366		2000

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## **BOD-5**

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample-10_for_NOV_3-31		001	COMP	07-06-2021	mg/L	14200			14200			4270.9874	D T	2000
resample-11_for_NOV_3-31		001	COMP	07-12-2021	mg/L	19400			19400			5810.0944	D T	2000
resample-12_for_NOV_3-31		001	COMP	07-19-2021	mg/L	12800			12800			3137.2278	D T	2000
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	19900			19900			4611.0334	D T	2000
resample-12-B_for_NOV_3-31		001	COMP	08-04-2021	mg/L	15400			15400			4297.4686	D T	2000
resample-13_for_NOV_3-31		001	COMP	08-10-2021	mg/L	26000			26000			5738.4538	D T	2000
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	14000			14000			3053.7410	D T	2000
resample-14_for_NOV_3-31		001	COMP	08-25-2021	mg/L	3960			3960			465.2429		2000
resample-15_for_NOV_3-31		001	COMP	08-31-2021	mg/L	10600			10600			1188.0614		2000
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	6500			6500			780.1903		2000
resample-16_for_NOV_3-31		001	COMP	09-14-2021	mg/L	2750			2750			327.7870		2000
resample-17_for_NOV_3-31		001	COMP	09-21-2021	mg/L	3990			3990			455.9560		2000
resample-18_for_NOV_3-31		001	COMP	09-28-2021	mg/L	5690			5690			709.2090		2000
resample-19_for_NOV_3-31		001	COMP	10-05-2021	mg/L	11000			11000			1411.8786		2000
resample-20_for_NOV_3-31		001	COMP	10-12-2021	mg/L	11900			11900			2262.8088	D	2000
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	11700			11700			2040.6487	D	2000
resample-21_for_NOV_3-31		001	COMP	10-26-2021	mg/L	11900			11900			2053.6975	D	2000
resample-22_for_NOV_3-31		001	COMP	11-02-2021	mg/L	7720			7720			1232.1963		2000
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	12000			12000			2299.1378	D	2000
resample-23_for_NOV_3-31		001	COMP	11-16-2021	mg/L	15800			15800			2869.9942	D T	2000
resample-24_for_NOV_3-31		001	COMP	11-22-2021	mg/L	8650			8650			1643.6605		2000
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	8840			8840			1777.6717		2000
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	>600		600	600			105.5594		2000
resample-25_for_NOV_3-31		001	COMP	12-13-2021	mg/L	11400			11400			1871.9514		2000
resample-26_for_NOV_3-31		001	COMP	12-20-2021	mg/L	9130			9130			2082.6962	D	2000
resample-27_for_NOV_3-31		001	COMP	12-27-2021	mg/L	3950			3950			576.1401		2000
Total Concentration Results: <u>40</u>		Avg: <u>11878.0000</u>		Min: <u>600.0000</u>		Max: <u>26000.0000</u>								
Total Mass Results: <u>40</u>		Avg: <u>2766.5745</u>		Min: <u>105.5594</u>		Max: <u>6700.9765</u>								

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## Cadmium, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.001	0.001			.0003		
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	nd		0.001	0.001			.0003		
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	0.001			0.001			.0002		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	nd		0.001	0.001			.0002		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	<0.001		0.001	0.001			.0003		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	nd		0.001	0.001			.0002		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	nd		0.001	0.001			.0002		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	nd		0.001	0.001			.0001		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	nd		0.001	0.001			.0002		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	nd		0.001	0.001			.0002		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	nd		0.001	0.001			.0002		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	nd		0.0040	0.004			.0007		
Total Concentration Results: <u>12</u>		Avg: <u>.0013</u>	Min: <u>.0010</u>	Max: <u>.0040</u>										
Total Mass Results: <u>12</u>		Avg: <u>.0003</u>	Min: <u>.0001</u>	Max: <u>.0007</u>										

## Copper, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.077			0.077			.0253		
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	0.042			0.042			.0119		
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	0.059			0.059			.0138		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	0.032			0.032			.0061		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	0.043			0.043			.0118		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	0.057			0.057			.0132		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	0.065			0.065			.0142		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	0.012			0.012			.0014		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	0.038			0.038			.0066		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	0.035			0.035			.0067		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	0.034			0.034			.0068		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	0.082			0.082			.0144		

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## Copper, Total

CONCENTRATION												MASS		
Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>12</u>		Avg: <u>.0480</u>		Min: <u>.0120</u>		Max: <u>.0820</u>								
Total Mass Results: <u>12</u>		Avg: <u>.0110</u>		Min: <u>.0014</u>		Max: <u>.0253</u>								

## Flow

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	gpd	39386			39386		40,000			
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	gpd	34049			34049		40,000			
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	gpd	28017			28017		40,000			
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	gpd	22799			22799		40,000			
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	gpd	32770			32770		40,000			
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	gpd	27783			27783		40,000			
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	gpd	26154			26154		40,000			
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	gpd	14392			14392		40,000			
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	gpd	20913			20913		40,000			
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	gpd	22973			22973		40,000			
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	gpd	24112			24112		40,000			
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	gpd	21,095			21095		40,000			
resample-25_for_NOV_3-31		001	COMP	12-13-2021	gpd	19689			19689		40,000			
resample-26_for_NOV_3-31		001	COMP	12-20-2021	gpd	27352			27352		40,000			
resample-27_for_NOV_3-31		001	COMP	12-27-2021	gpd	17489			17489		40,000			
Total Concentration Results: <u>15</u>		Avg: <u>25264.8667</u>		Min: <u>14392.0000</u>		Max: <u>39386.0000</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.001	0.001			.0003		
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	0.01			0.01			.0028		

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## Lead, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	0.001			0.001			.0002		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	nd		0.001	0.001			.0002		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	<.001		0.001	0.001			.0003		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	nd		0.001	0.001			.0002		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	nd		0.001	0.001			.0002		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	nd		0.001	0.001			.0001		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	nd		0.001	0.001			.0002		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	nd		0.001	0.001			.0002		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	nd		0.001	0.001			.0002		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	nd		0.010	0.01			.0018		
Total Concentration Results: <u>12</u>		Avg: <u>.0025</u>	Min: <u>.0010</u>	Max: <u>.0100</u>										
Total Mass Results: <u>12</u>		Avg: <u>.0006</u>	Min: <u>.0001</u>	Max: <u>.0028</u>										

## Mercury, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	nd		0.00115	0.00115			.0004		
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	nd		0.001	0.001			.0003		
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	0.00115			0.00115			.0003		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	nd		0.001	0.001			.0002		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	<.00115		0.00115	0.00115			.0003		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	ND		0.001	0.001			.0002		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	Nd		0.001	0.001			.0002		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	nd		0.001	0.001			.0001		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	nd		0.00100	0.001			.0002		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	ND		0.00100	0.001			.0002		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	nd		0.0001	0.0001			.0000		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	nd		0.00010	0.0001			.0000		
Total Concentration Results: <u>12</u>		Avg: <u>.0009</u>	Min: <u>.0001</u>	Max: <u>.0012</u>										
Total Mass Results: <u>12</u>		Avg: <u>.0002</u>	Min: <u>.0000</u>	Max: <u>.0004</u>										



Permit: **242**  
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## Oil and Grease

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	GRAB	02-25-2021	mg/L	12.1			12.1		100	3.9746		
WBC_April_1st_2021-smr	IU	001	GRAB	03-25-2021	mg/L	17.06			17.06		100			
WBC_May_1st_2021-smr	IU	001	GRAB	04-12-2021	mg/L	1529			1529	D T	100			
WBC_June_1st_2021-smr	IU	001	GRAB	05-03-2021	mg/L	10.72			10.72		100	2.0383		
resample-1_for_NOV_5-3		001	GRAB	05-04-2021	mg/L	9.67			9.67		100			
resample-2_for_NOV_5-3		001	GRAB	05-05-2021	mg/L	10			10		100			
resample-3_for_NOV_5-3		001	GRAB	05-06-2021	mg/L	21.3			21.3		100			
WBC_July_1st_2021-smr	IU	001	GRAB	06-14-2021	mg/L	117.34			117.34	D	100			
WBC_August_1st-SMR	IU	001	GRAB	07-27-2021	mg/L	86.75			86.75		100	20.1009		
WBC_September_1st_2021-s	IU	001	GRAB	08-17-2021	mg/L	22.18			22.18		100			
WBC_October_1st_2021-smr	IU	001	GRAB	09-07-2021	mg/L	15.57			15.57		100			
WBC_November_1st_2021-s	IU	001	GRAB	10-19-2021	mg/L	75.25			75.25		100	13.1247		
WBC_December_1st_2021-sm	IU	001	GRAB	11-09-2021	mg/L	49.50			49.50		100	9.4839		
WBC_January_1st_2022-smr	IU	001	GRAB	12-06-2021	mg/L	62			62		100	12.4678		
WBC_2021_Annual_Sampling	A	001	GRAB	12-08-2021	mg/L	74.5			74.5		100	13.1070		

Total Concentration Results: 15 Avg: 140.8627 Min: 9.6700 Max: 1529.0000

Total Mass Results: 7 Avg: 10.6139 Min: 2.0383 Max: 20.1009

## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	GRAB	02-25-2021	SU	13.45			13.45	D	5.5-11.0			
WBC_April_1st_2021-smr	IU	001	GRAB	03-25-2021	SU	11.45			11.45	D	5.5-11.0			
WBC_May_1st_2021-smr	IU	001	GRAB	04-12-2021	SU	2.78			2.78	D	5.5-11.0			
WBC_June_1st_2021-smr	IU	001	GRAB	05-03-2021	SU	9.7			9.7		5.5-11.0			
WBC_July_1st_2021-smr	IU	001	GRAB	06-14-2021	SU	10.89			10.89		5.5-11.0			
resample-12_for_NOV_3-31		001	GRAB	07-19-2021	SU	12.00			12.00	D	5.5-11.0			
WBC_August_1st-SMR	IU	001	GRAB	07-27-2021	SU	5.8			5.8		5.5-11.0			
resample-13_for_NOV_3-31		001	GRAB	08-10-2021	SU	8.02			8.02		5.5-11.0			
WBC_September_1st_2021-s	IU	001	GRAB	08-17-2021	SU	5.79			5.79		5.5-11.0			
resample-14_for_NOV_3-31		001	GRAB	08-25-2021	SU	11.99			11.99	D	5.5-11.0			

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## pH

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample-15_for_NOV_3-31		001	GRAB	08-31-2021	SU	5.5			5.5		5.5-11.0			
WBC_October_1st_2021-smr	IU	001	GRAB	09-07-2021	SU	7.42			7.42		5.5-11.0			
resample-16_for_NOV_3-31		001	GRAB	09-14-2021	SU	12.12			12.12	D	5.5-11.0			
resample-17_for_NOV_3-31		001	GRAB	09-21-2021	SU	11.5			11.5	D	5.5-11.0			
resample-18_for_NOV_3-31		001	GRAB	09-28-2021	SU	10.59			10.59		5.5-11.0			
WBC_November_1st_2021-s	IU	001	GRAB	10-19-2021	SU	10.68			10.68		5.5-11.0			
WBC_December_1st_2021-sm	IU	001	GRAB	11-09-2021	SU	5.287			5.287	D	5.5-11.0			
WBC_January_1st_2022-smr	IU	001	GRAB	12-06-2021	SU	9.83			9.83		5.5-11.0			
WBC_2021_Annual_Sampling	A	001	GRAB	12-08-2021	SU	6.55			6.55		5.5-11.0			
Total Concentration Results: <u>19</u>		Avg: <u>9.0183</u>		Min: <u>2.7800</u>		Max: <u>13.4500</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## Phosphorus

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	87.4			87.4			28.7091		
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	44.2			44.2			12.5514		
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	72.3			72.3			16.8937		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	55.5			55.5			10.5530		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	82.6			82.6			22.5747		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	74.4			74.4			17.2392		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	82.7			82.7			18.0389		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	28.3			28.3			3.3968		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	53.2			53.2			9.2788		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	38.7			38.7			7.4147		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	23.6			23.6			4.7458		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	21			21			3.6946		
Total Concentration Results: <u>12</u>		Avg: <u>55.3250</u>		Min: <u>21.0000</u>		Max: <u>87.4000</u>								
Total Mass Results: <u>12</u>		Avg: <u>12.9242</u>		Min: <u>3.3968</u>		Max: <u>28.7091</u>								

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## Temperature

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	GRAB	02-25-2021	c	59.50			59.50		65			
WBC_April_1st_2021-smr	IU	001	GRAB	03-25-2021	c	21.40			21.40		65			
WBC_May_1st_2021-smr	IU	001	GRAB	04-12-2021	c	38.9			38.9		65			
WBC_June_1st_2021-smr	IU	001	GRAB	05-03-2021	c	38.14			38.14		65			
WBC_July_1st_2021-smr	IU	001	GRAB	06-14-2021	c	46.0			46.0		65			
WBC_August_1st-SMR	IU	001	GRAB	07-27-2021	c	77.25			77.25	D	65			
WBC_September_1st_2021-s	IU	001	GRAB	08-17-2021	c	49.10			49.10		65			
WBC_October_1st_2021-smr	IU	001	GRAB	09-07-2021	c	47.96			47.96		65			
resample-19_for_NOV_3-31		001	GRAB	10-05-2021	c	47.75			47.75		65			
WBC_November_1st_2021-s	IU	001	GRAB	10-19-2021	c	48.56			48.56		65			
WBC_December_1st_2021-sm	IU	001	GRAB	11-09-2021	c	51.94			51.94		65			
WBC_January_1st_2022-smr	IU	001	GRAB	12-06-2021	c	46.82			46.82		65			
WBC_2021_Annual_Sampling	A	001	GRAB	12-08-2021	c	35.1			35.1		65			
Total Concentration Results: <u>13</u>		Avg: <u>46.8015</u>		Min: <u>21.4000</u>		Max: <u>77.2500</u>								
Total Mass Results: <u>0</u>		Avg:		Min:		Max:								

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	3580			3580			1175.9557	D T	500
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	1530			1530			434.4720		500
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	3420			3420			799.1233	D T	500
resample-1_for_NOV_3-31		001	COMP	04-19-2021	mg/L	1960			1960			582.7001	D	500
resample-2_for_NOV_3-31		001	COMP	04-26-2021	mg/L	907			907			205.0930		500
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	1750			1750			332.7514		500
resample-1_for_NOV_5-3		001	COMP	05-04-2021	mg/L	1450			1450			387.6411		500
resample-2_for_NOV_5-3		001	COMP	05-05-2021	mg/L	3220			3220			743.5288	D T	500
resample-3_for_NOV_5-3		001	COMP	05-06-2021	mg/L	2880			2880			782.5696	D T	500
resample-3_for_NOV_3-31		001	COMP	05-10-2021	mg/L	1320			1320			400.6873		500
resample-4_for_NOV_3-31		001	COMP	05-17-2021	mg/L	4130			4130			1108.5521	D T	500
resample-5_for_NOV_3-31		001	COMP	05-24-2021	mg/L	1760			1760			580.7215	D	500

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
resample-6_for_NOV_3-31		001	COMP	06-01-2021	mg/L	2460			2460			798.0469	D T	500
resample-7_for_NOV_3-31		001	COMP	06-08-2021	mg/L	5130			5130			1380.2611	D T	500
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	3300			3300			901.8959	D T	500
resample-8_for_NOV_3-31		001	COMP	06-21-2021	mg/L	6620			6620			1482.4100	D T	500
resample-9_for_NOV_3-31		001	COMP	06-28-2021	mg/L	1100			1100			289.5314		500
resample-10_for_NOV_3-31		001	COMP	07-06-2021	mg/L	380			380			114.2940		500
resample-11_for_NOV_3-31		001	COMP	07-12-2021	mg/L	2660			2660			796.6418	D T	500
resample-12_for_NOV_3-31		001	COMP	07-19-2021	mg/L	2230			2230			546.5639	D	500
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	5920			5920			1371.7245	D T	500
resample-12-B_for_NOV_3-31		001	COMP	08-04-2021	mg/L	11900			11900			3320.7712	D T	500
resample-13_for_NOV_3-31		001	COMP	08-10-2021	mg/L	10200			10200			2251.2396	D T	500
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	5180			5180			1129.8842	D T	500
resample-14_for_NOV_3-31		001	COMP	08-25-2021	mg/L	690			690			81.0651		500
resample-15_for_NOV_3-31		001	COMP	08-31-2021	mg/L	4330			4330			485.3119		500
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	720			720			86.4211		500
resample-16_for_NOV_3-31		001	COMP	09-14-2021	mg/L	192			192			22.8855		500
resample-17_for_NOV_3-31		001	COMP	09-21-2021	mg/L	1720			1720			196.5524		500
resample-18_for_NOV_3-31		001	COMP	09-28-2021	mg/L	567			567			70.6716		500
resample-19_for_NOV_3-31		001	COMP	10-05-2021	mg/L	3150			3150			404.3107		500
resample-20_for_NOV_3-31		001	COMP	10-12-2021	mg/L	5330			5330			1013.5102	D T	500
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	1250			1250			218.0180		500
resample-21_for_NOV_3-31		001	COMP	10-26-2021	mg/L	2860			2860			493.5777		500
resample-22_for_NOV_3-31		001	COMP	11-02-2021	mg/L	493			493			78.6882		500
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	1050			1050			201.1746		500
resample-23_for_NOV_3-31		001	COMP	11-16-2021	mg/L	1260			1260			228.8730		500
resample-24_for_NOV_3-31		001	COMP	11-22-2021	mg/L	1580			1580			300.2293		500
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	687			687			138.1516		500
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	1300			1300			228.7120		500
resample-25_for_NOV_3-31		001	COMP	12-13-2021	mg/L	3480			3480			571.4378	D	500
resample-26_for_NOV_3-31		001	COMP	12-20-2021	mg/L	2310			2310			526.9472	D	500
resample-27_for_NOV_3-31		001	COMP	12-27-2021	mg/L	547			547			79.7845		500

Permit: **242**  
 Permittee: **Wachusett Brewing Company**  
 Location: **175 State Road East , Westminster, Ma 01473**

## TSS

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
Total Concentration Results: <u>43</u>		Avg: <u>2755.8837</u>		Min: <u>192.0000</u>		Max: <u>11900.0000</u>								
Total Mass Results: <u>43</u>		Avg: <u>635.8926</u>		Min: <u>22.8855</u>		Max: <u>3320.7712</u>								

## Zinc, Total

Sample ID	Auth?	MonPoint	Collection Method	Collection Date	Units	Result	CONCENTRATION					MASS		
							Reslt Flags	Reporting Limit	Adjusted Result	Violations	Limit	Result (lbs/day)	Violations	Limit
March_1st_2021-smr	IU	001	COMP	02-25-2021	mg/L	0.365			0.365			.1199		
WBC_April_1st_2021-smr	IU	001	COMP	03-25-2021	mg/L	0.187			0.187			.0531		
WBC_May_1st_2021-smr	IU	001	COMP	04-12-2021	mg/L	0.463			0.463			.1082		
WBC_June_1st_2021-smr	IU	001	COMP	05-03-2021	mg/L	0.971			0.971			.1846		
WBC_July_1st_2021-smr	IU	001	COMP	06-14-2021	mg/L	0.258			0.258			.0705		
WBC_August_1st-SMR	IU	001	COMP	07-27-2021	mg/L	0.493			0.493			.1142		
WBC_September_1st_2021-s	IU	001	COMP	08-17-2021	mg/L	0.499			0.499			.1088		
WBC_October_1st_2021-smr	IU	001	COMP	09-07-2021	mg/L	0.091			0.091			.0109		
WBC_November_1st_2021-s	IU	001	COMP	10-19-2021	mg/L	0.447			0.447			.0780		
WBC_December_1st_2021-sm	IU	001	COMP	11-09-2021	mg/L	0.296			0.296			.0567		
WBC_January_1st_2022-smr	IU	001	COMP	12-06-2021	mg/L	0.181			0.181			.0364		
WBC_2021_Annual_Sampling	A	001	COMP	12-08-2021	mg/L	0.27			0.27			.0475		
Total Concentration Results: <u>12</u>		Avg: <u>.3768</u>	Min: <u>.0910</u>	Max: <u>.9710</u>										
Total Mass Results: <u>12</u>		Avg: <u>.0824</u>	Min: <u>.0109</u>	Max: <u>.1846</u>										

# **APPENDIX C**

## **SIU Inspection Reports**

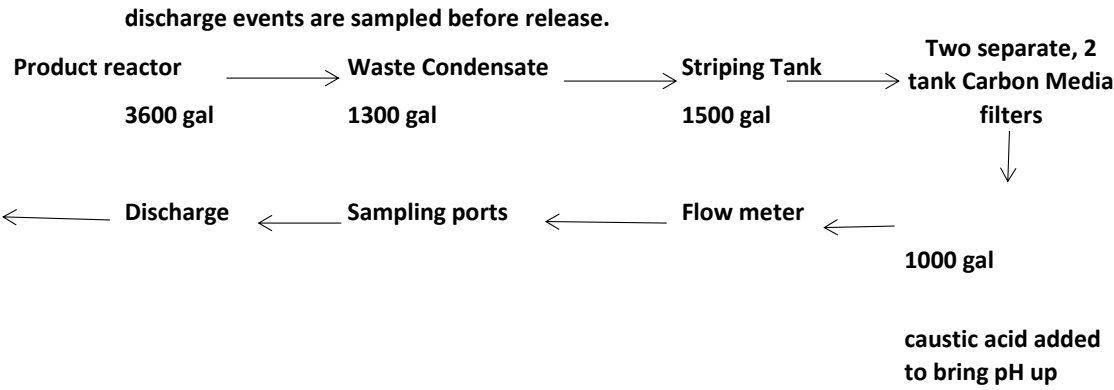
## INDUSTRIAL USER INSPECTION REPORT

<b>I.</b>	<b>Industry:</b> <u>Advance Coatings Co.</u>	<b>Date:</b> <u>8/18/2021</u>	<b>Time:</b> <u>10:30</u>
	<b>Follow-up inspection no. (1,2,3,ect)</b> <u>                    </u>	<b>Date of previous inspection:</b> <u>8/19/2020</u>	
	<b>Permit no.</b> <u>106</u>	<b>Federal Pretreatment Category:</b> <u>40 cfr part 414 subpart E</u>	
	<b>Expiration date:</b> <u>12/31/2025</u>		
	<u>42 Depot Road Westminster Ma. 01473</u>		
	<b>Phone:</b> <u>978-874-5921</u>		
	<b>Contact Person/Title:</b> <u>Jason/ Mark Cook</u>		

<b>II.</b>	<b>Pre-inspection Preparation</b>		
a.	Review permit		<u>X</u>
b.	Review plans of industry sewer connection		<u>                    </u>
c.	Review self-monitoring reports		<u>X</u>
d.	Review previous inspection reports		<u>X</u>
e.	Review periodic monitoring results		<u>X</u>
f.	Prepare sampling and safety equipment, if necessary.		<u>X</u>
g.	<b>Inspection type:</b>		
	Unannounced <u>                    </u>	Scheduled/Annual <u>X</u>	New Company <u>                    </u>
	Complaint <u>                    </u>	Spill <u>                    </u>	Violation <u>                    </u>
	Other <u>                    </u>		

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>		
	Makes gelcoats, resins, fiberglass, coatings and dispersions. Majority of resins/coatings used in the aquatic industry.		
a.	<b>Number of Employees:</b>	<u>21</u>	
b.	<b>Shifts</b>	<u>3 Shifts 24hrs/5days</u>	
c.	<b>Raw Materials:</b>	<u>Resins, composites, fiberglass, polyesters, styrenes, acetone,</u>	
d.	<b>Waste streams to sewer:</b>	<u>Condensates, pretreatment flow, sanitary</u>	
e.	<b>Pretreatment system:</b>	<u>Styrene addition, heated stripping tank, carbon media filters, pH adjustment.</u>	

USE THIS PAGE TO DIAGRAM THIS FACILITY'S PROCESSES, WASTE STREAMS, PRETREATMENT SYSTEMS, SAMPLING LOCATIONS, SEWER CONNECTIONS, ETC.





**IV. Industry Inspection**

- a. Sampling location(s) and procedures reviewed with contact person yes
- b. Area pretreatment files and reports available and maintained? yes
- c. Are chain-of-custody and lab analysis reports on file? yes
- d. Date(s) of last calibrations/equipment checks: Flow meter due for calibration  
pH meters sent out to Ohaus for calibration

- e. Is the industry in full operation? yes
- f. Has the industry modified its operation? no
- g. If so, has the industry submitted information to the municipality? na
- h. Number of industry wastewater discharge points 1
- i. Are the discharge points accessible? Maintained? yes
- j. Is the pretreatment equipment operational and maintained? yes
- k. Was a grab sample taken during the inspection? yes
- l. List no. of samples, types, and sample locations: yes

full set of permit samples

pH and temp

- m. Is information about spills/problems posted? Yes, 8hr HAZWOPER, 8 hr rcra Hazardous Waste & fire and spill training

- n. Who is responsible for inspection and maintenance of the discharge and sampling locations? Jason/Mark and Steve Crabtree

- o. Are flow records available? yes
- p. Are maintenance records available for the pretreatment equipment? yes
- q. Are sampling procedures established, documented, reasonable? yes
- r. Is an independent lab used for analyses? yes

if yes, list lab(s): Chemserve

- s. Violations/problems: NA

- t. Are industry personnel knowledgeable on the program? Yes

- u. Other comments: A regenerative Thermal Oxidizer is onsite, but not used due to running costs

Batch discharges are 200-250 gallons each.

Mark is a licensed Operator.

Creates Acetone/Resin and Solid Resin Haz. Wastes that are shipped offsite.

## V. Post-inspection

a. Does the industry respond to inquiries? yes

**b. Does the industry address violations or other pretreatment issues?** yes

c. Are sampling reports submitted on time? yes

d. Is the industry currently in compliance with permit requirements? yes

if not, indicate problems: \_\_\_\_\_ NA

e.	Was the industry contact person advised of on-site inspection deficiencies	NA
----	--	----

f.	Other comments:	NA
----	-----------------	----

VI. John Beauchemin  
Pretreatment Inspector(print)

*John Beauchemin*  
Pretreatment Inspector(Sign)

2/3/2022  
Date

## **Attachment B**

### **Raw Materials List**

Styrene Monomer

Propylene Glycol

Diethylene Glycol

Ethylene Glycol

Maleic Anhydride

Dicyclopentadine

Acetone

Cobact 12%

Methyl Methacrylate

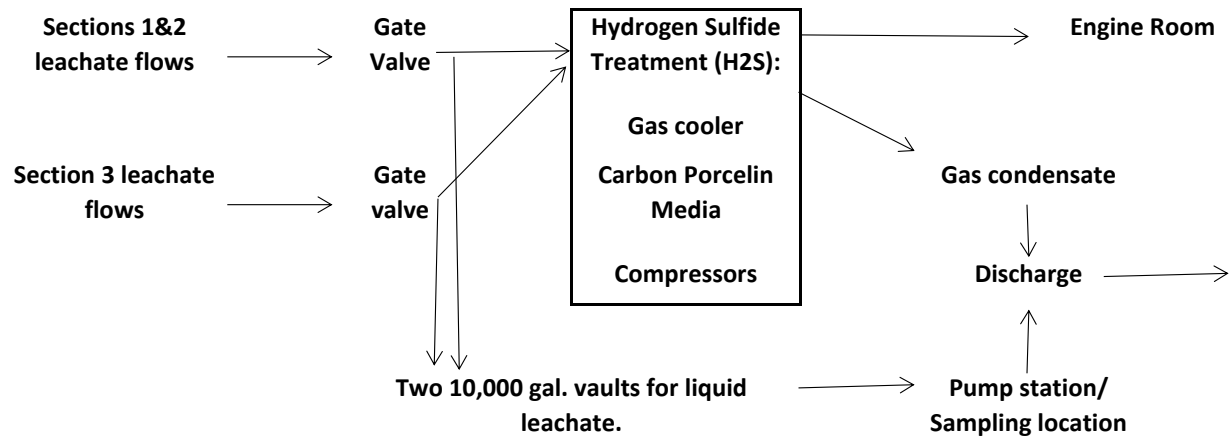
## INDUSTRIAL USER INSPECTION REPORT

<b>I.</b>	<b>Industry:</b> <u>Fitchburg Westminster Sanitary Landfill</u>	<b>Date:</b> <u>11/17/2021</u>	<b>Time:</b> <u>10:00</u>
	<b>Follow-up inspection no. (1,2,3,ect)</b> _____	<b>Date of previous inspection:</b> <u>10/13/2020</u>	
	<b>Permit no.</b> <u>370</u>	<b>Federal Pretreatment Category:</b> <u>siu Non-Categorical</u>	
	<b>Expiration date:</b> <u>12/31/2025</u>		
	<b>Address:</b> <u>101 Fitchburg Road Westminster Ma.</u>		
	<b>Phone:</b> <u>508-962-9800</u>		
	<b>Contact Person/Title:</b> <u>Frank Sepiol, Jason Ianuzzo, Michael Kunz (508)-735-7085,</u> <u>Kathy Scale House(978-874-0037)</u>		

<b>II.</b>	<b>Pre-inspection Preparation</b>		
	a. Review permit	X	
	b. Review plans of industry sewer connection	X	
	c. Review self-monitoring reports	X	
	d. Review previous inspection reports	X	
	e. Review periodic monitoring results	X	
	f. Prepare sampling and safety equipment, if necessary.	X	
	g. Inspection type:		
	Unannounced _____	Scheduled/Annual <u>X</u>	New Company _____
	Complaint _____	Spill _____	Violation _____
	Other _____		

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>		
	a. Number of Employees:	<u>14</u>	
	b. Shifts per Day and Hours of Operation:	<u>7:00-5:00</u>	
	c. Raw Materials:	<u>Landfill Disposals</u>	
	d. Waste streams to sewer:	<u>Leachate from Sections 1, 2, and 3.</u>	
		<u>Gas condensate from Hydrogen Sulfide Treatment</u>	
	e. Pretreatment system:	<u>Hydrogen Sulfide filters</u>	

**USE THIS PAGE TO DIAGRAM THIS FACILITY'S PROCESSES, WASTE STREAMS, PRETREATMENT SYSTEMS, SAMPLING LOCATIONS, SEWER CONNECTIONS, ETC.**



\_ Carbon Porcelin Media is put into the landfill when spent.

**IV. Industry Inspection**

- |    |  |               |
|----|--|---------------|
| a. | Sampling location(s) and procedures reviewed with contact person | yes           |
| b. | Area pretreatment files and reports available and maintained?    | yes           |
| c. | Are chain-of-custody and lab analysis reports on file?           | yes           |
| d. | Date(s) of last calibrations/equipment checks:                   | pH. 11-4-2021 |
|    | flow meter 7/21/2021   |               |

- |    |  |  |
|----|--|--|
| e. | Is the industry in full operation?   | yes  |
| f. | Has the industry modified its operation?   | yes  |
| g. | If so, has the industry submitted information to the municipality?                         | na   |
| h. | Number of industry wastewater discharge points   | 1  |
| i. | Are the discharge points accessible? Maintained?   | yes  |
| j. | Is the pretreatment equipment operational and maintained?                                  | yes  |
| k. | Was a grab sample taken during the inspection?   | yes  |
| l. | List no. of samples, types, and sample locations:  |  |
|    | Full set of annual samples   |  |
|    |  |  |
|    |  |  |
| m. | Is information about spills/problems posted?   | See Comments                               |
| n. | Who is responsible for inspection and maintenance of the discharge and sampling locations? | Frank Sepiol (413-519-3916)/ Jason Ianuzzo |
| o. | Are flow records available?  | yes  |
| p. | Are maintenance records available for the pretreatment equipment?                          | yes  |
| q. | Are sampling procedures established, documented, reasonable?                               | yes  |
| r. | Is an independent lab used for analyses?   | yes  |
|    | if yes, list lab(s):   | test America                               |
| s. | Violations/problems:   |  |
|    | na   |  |
|    |  |  |
|    |  |  |
| t. | Are industry personnel knowledgeable on the program?                                       | yes  |
| u. | Other comments:  |  |
|    | SPCC Plan on site Annual training  |  |
|    |  |  |
|    |  |  |

## V. Post-inspection

a. Does the industry respond to inquiries? yes

**b. Does the industry address violations or other pretreatment issues?** yes

c. Are sampling reports submitted on time? yes

d. Is the industry currently in compliance with permit requirements? yes

if not, indicate problems:

e.	Was the industry contact person advised of on-site inspection deficiencies	N/A
----	--	-----

**f. Other comments:**

3 (20 cylinder) Catapiller generators that make about 4.8 megawatts a

day of electricity are located at this site

Landfill is permitted to receive

1725 tons of municipal solid waste (trash) a day

VI. John Beauchemin  
Pretreatment Inspector(print)

John Beauchemin  
Pretreatment Inspector(Sign)

2/3/2022  
Date

## INDUSTRIAL USER INSPECTION REPORT

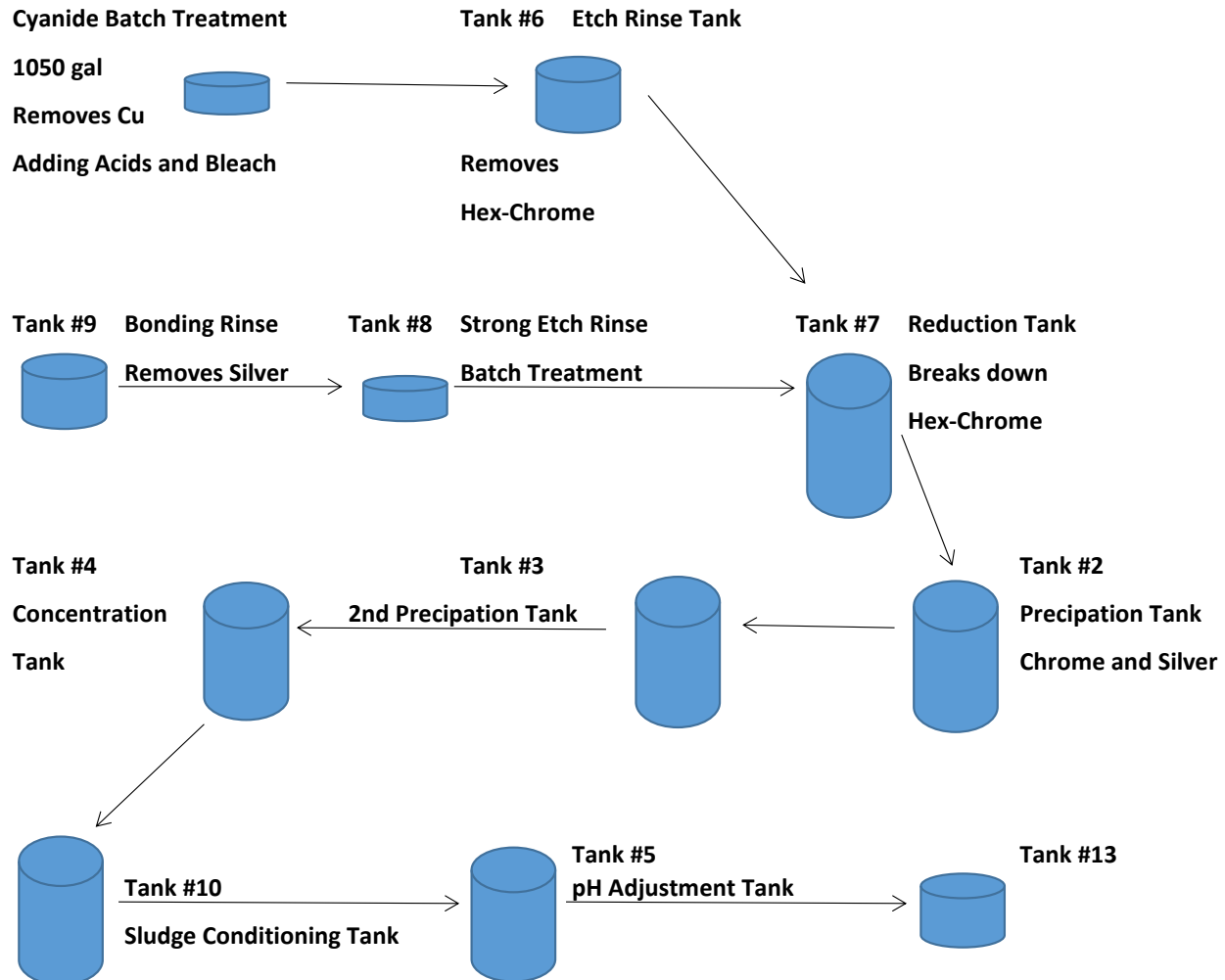
<b>I.</b>	Industry: <u>Micron Products Inc.</u>	Date: <u>8/25/2021</u>	Time: <u>10:30</u>
	Follow-up inspection no. (1,2,3,ect) _____	Date of previous inspection: <u>8/26/2020</u>	
	Permit no. <u>101</u>	Federal Pretreatment Category: <u>40 cfr 433 subpart A&amp;433.15</u>	
	Expiration date: _____	<u>12/31/2020</u>	
	Address: <u>25 Sawyer Passway Fitchburg, Ma. 01420</u>		
	Phone: <u>978-345-5000</u>		
	Contact Person/Title: <u>Mark LaLancette</u>		

<b>II.</b>	<b>Pre-inspection Preparation</b>		
	a. Review permit		<u>X</u>
	b. Review plans of industry sewer connection		<u>X</u>
	c. Review self-monitoring reports		<u>X</u>
	d. Review previous inspection reports		<u>X</u>
	e. Review periodic monitoring results		<u>X</u>
	f. Prepare sampling and safety equipment, if necessary.		<u>X</u>
	g. Inspection type:		
	Unannounced _____	Scheduled/Annual <u>X</u>	New Company _____
	Complaint _____	Spill _____	Violation _____
	Other _____		

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>		
	<u>EKG sensors, custom injection molding, orthopedic implants and tool making.</u>		
	<u>Micron is composed of multiple buildings with multiple shifts for each process.</u>		
	a. Number of Employees:	<u>110</u>	
	b. Shifts per Day and Hours of Operation:	<u>1-shift for plating and 3 shifts for molding</u>	
	c. Raw Materials:	<u>See attached list</u>	
	d. Waste streams to sewer:	<u>See Next Page</u>	
	e. Pretreatment system:	<u>Silver Recovery, Ion Exchange, Sedimentation,</u>	
		<u>Reverse Osmosis, Filtration, Chemical addition, Neutralization/pH Adjustment</u>	



**USE THIS PAGE TO DIAGRAM THIS FACILITY'S PROCESSES, WASTE STREAMS, PRETREATMENT  
SYSTEMS, SAMPLING LOCATIONS, SEWER CONNECTIONS, ETC.**



**IV. Industry Inspection**

- a. Sampling location(s) and procedures reviewed with contact person yes
- b. Area pretreatment files and reports available and maintained? yes
- c. Are chain-of-custody and lab analysis reports on file? yes
- d. Date(s) of last calibrations/equipment checks: Weekly pH Cal. Last done on 8/23/21

- e. Is the industry in full operation? yes
- f. Has the industry modified its operation? no
- g. If so, has the industry submitted information to the municipality? na
- h. Number of industry wastewater discharge points 1
- i. Are the discharge points accessible? Maintained? yes
- j. Is the pretreatment equipment operational and maintained? yes
- k. Was a grab sample taken during the inspection? yes
- l. List no. of samples, types, and sample locations:

full set of permit samples

pH and temp

- m. Is information about spills/problems posted? yes
- n. Who is responsible for inspection and maintenance of the discharge and sampling locations? Brian Stone
- o. Are flow records available? yes
- p. Are maintenance records available for the pretreatment equipment? yes
- q. Are sampling procedures established, documented, reasonable? yes
- r. Is an independent lab used for analyses? yes

if yes, list lab(s): R.I. Analytical

- s. Violations/problems: na

- t. Are industry personnel knowledgeable on the program?

- u. Other comments: silver Haz Waste sludge taken by Colt Refinery, Merrimack NH for silver

All other sludge sent to Univar(Nexeo)Solutions Dublin OH.(Chrome exc.)

Brian Stone is a class 5 Operator and very knowledgeable of the pretreatment processes.

Tighe & Bond in the Engineering Firm ,incharge of Micron's Regulatory compliance, Tier II and tracking quantities.

## V. Post-inspection

a. Does the industry respond to inquiries? yes

**b. Does the industry address violations or other pretreatment issues?** yes

c. Are sampling reports submitted on time? yes

d. Is the industry currently in compliance with permit requirements? yes

if not, indicate problems: \_\_\_\_\_ na

e.	Was the industry contact person advised of on-site inspection deficiencies	na
----	--	----

**f. Other comments:**

na

Univar Solutions LLC

3075 Highland Parkway Suite 200

Downer Grove Il 60515

VI. John Beauchemin  
Pretreatment Inspector(print)

*John Beauchemin*  
Pretreatment Inspector(Sign)

2/3/2022  
Date

## Attachment B

### Raw Materials List

Raw Material	Location	Quantity Used in 2011
Ammonium Hydroxide (BK20000)	Bonding	2,500 gal
Formaldehyde (BK20002)	Bonding	1,800 gal
Formamide (BK20003)	Bonding	1,155 gal
Silver Nitrate (BK20021)	Bonding	7,200 kg
Stannous Chloride (BK20019)	Bonding	6,500 oz
Hydrochloric Acid (BK20004)	Chloriding	3,400 gal
Nitric Acid (BK20006, BK20026)	Water Treatment/Passivation	410 lbs
Selenium Dioxide (BK20010)	Chloriding	170 lbs
Chromic Acid (BK20001)	Etching	7,600 lbs
Sodium Sulfite (BK20018)	Etching	9,800 lbs
Sulfuric Acid (BK20020)	Etching & Waste Treatment	1,100 gal
Isopropyl Alcohol (BK20005)	Plating	55 gal
Potassium Cyanide (BK20007)	Plating	900 lbs
Silver (metal) (BK20012)	Plating	28,000 tr oz
Potassium Silver Cyanide (BK20011)	Plating	4,500 oz
Pumice (BK20009)	Tumbling	41,900 lbs
Caustic Soda (50%) (BK20015)	Waste Treatment	54,600 lbs
Sodium Bisulfite (BK20014)	Waste Treatment	55 gal
Sodium Hypochlorite (15%) (BK20016)	Waste Treatment	1,400 gal
DTC (BK20023)	Waste Treatment	270 gal
Sodium Metabisulfite (BK20017)	Waste Treatment	8,200 lbs

# INDUSTRIAL USER INSPECTION REPORT

I.	Industry:	Greif (Newark America)	Date:	11/10/2021	Time	10:30
	Follow-up inspection no. (1,2,3,ect)	NA	Date of previous inspection:	9/2/2020		
	Permit no.	366	Federal Pretreatment Category:	40cfr 430 subpart J & 430.106		
	Expiration date:	12/31/2025				
	Address:	100 Newark Way Fitchburg Ma. 01420				
	Phone:	978-665-2602				
	Contact Person/Title:	Steve West/Nicholas Palumbo				

<b>II. Pre-inspection Preparation</b>			
a.	Review permit		<u>X</u>
b.	Review plans of industry sewer connection		<u>X</u>
c.	Review self-monitoring reports		<u>X</u>
d.	Review previous inspection reports		<u>X</u>
e.	Review periodic monitoring results		<u>X</u>
f.	Prepare sampling and safety equipment, if necessary.		<u>X</u>
g.	Inspection type:		
	Unannounced	Scheduled/Annual	New Company
	<u>                    </u>	<u>X</u>	<u>                    </u>
	Complaint	Spill	
	<u>                    </u>	<u>                    </u>	<u>                    </u>
	Other		
	<u>                    </u>		

**III. Type of industry (Describe industrial processes):**

Waste Paper Recycling

**a. Number of Employees:** 83

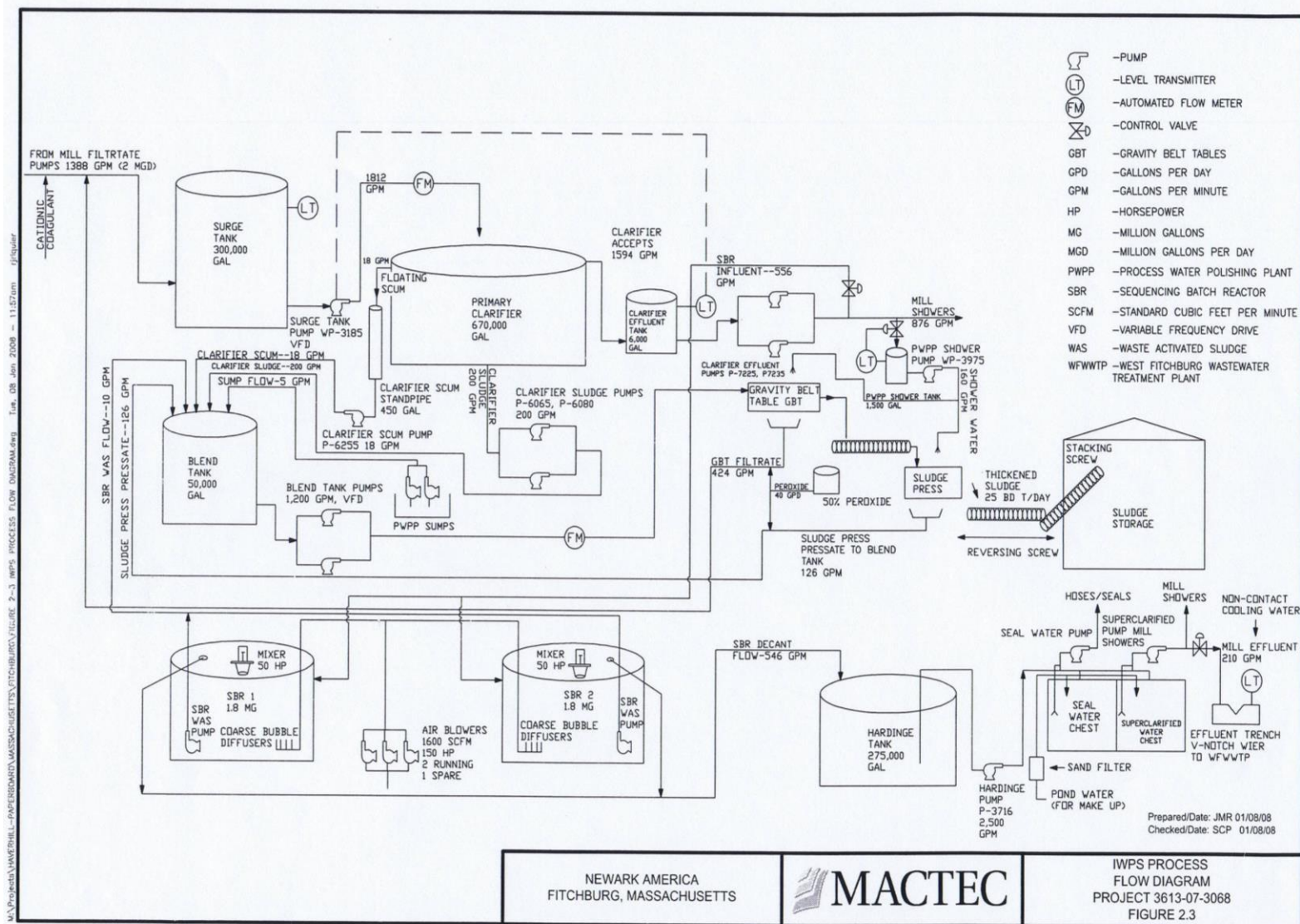
**b. Shifts per Day and Hours of Operation:** 2/12 hr shifts 7 days aweek

**c. Raw Materials:** Waste Paper/OCC bales, PVA silica glue

**d. Waste streams to sewer:** SEE ATTACHMENT ON NEXT PAGE

**e. Pretreatment system:** Polymer/coagulant addition, Primary Clarifier, 2 SBR tanks,  
Hydrogen Peroxide 50% for odor control

USE THIS PAGE TO DIAGRAM THIS FACILITY'S PROCESSES, WASTE STREAMS, PRETREATMENT SYSTEMS, SAMPLING LOCATIONS, SEWER CONNECTIONS, ETC.



**IV. Industry Inspection**

- |    |  |                          |
|----|--|--------------------------|
| a. | Sampling location(s) and procedures reviewed with contact person | yes                      |
| b. | Area pretreatment files and reports available and maintained?    | Yes                      |
| c. | Are chain-of-custody and lab analysis reports on file?           | yes                      |
| d. | Date(s) of last calibrations/equipment checks:                   | 10/22/2021( pH. Monthly) |
|    | Flow Meter annually (7/22/2021)                                  |                          |

- |    |  |                    |
|----|--|--------------------|
| e. | Is the industry in full operation?                                 | No/ 1 Machine down |
| f. | Has the industry modified its operation?                           | no                 |
| g. | If so, has the industry submitted information to the municipality? | Na                 |
| h. | Number of industry wastewater discharge points                     | 1                  |
| i. | Are the discharge points accessible? Maintained?                   | yes                |
| j. | Is the pretreatment equipment operational and maintained?          | yes                |
| k. | Was a grab sample taken during the inspection?                     | no                 |
| l. | List no. of samples, types, and sample locations:                  | yes                |

Full set of annual samples

- |    |  |  |
|----|--|--|
| m. | Is information about spills/problems posted?   | yes  |
| n. | Who is responsible for inspection and maintenance of the discharge and sampling locations? | Mark, (contracted license operator Blue Heron and JAG llc. |
| o. | Are flow records available?  | yes  |
| p. | Are maintenance records available for the pretreatment equipment?                          | yes  |
| q. | Are sampling procedures established, documented, reasonable?                               | yes  |
| r. | Is an independent lab used for analyses?   | yes  |

if yes, list lab(s): North East/ Alpha Analytical

- |    |                      |    |
|----|----------------------|----|
| s. | Violations/problems: | no |
|    | NA                   |    |

- |    |  |     |
|----|--|-----|
| t. | Are industry personnel knowledgeable on the program? | Yes |
| u. | Other comments:                                      |     |

Boiler room and Maintenance are contracted out.

Sludge Dewatered then sent to Mass. Natural (invoices on-site)

3 to 5x a week

## V. Post-inspection

a. Does the industry respond to inquiries? yes

<b>b.</b>	<b>Does the industry address violations or other pretreatment issues?</b>	yes
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c. Are sampling reports submitted on time? yes

d. Is the industry currently in compliance with permit requirements? yes

if not, indicate problems: \_\_\_\_\_ na

Na

e.	Was the industry contact person advised of on-site inspection deficiencies	Na
----	--	----

f.	Other comments:	NA
----	-----------------	----

VI. John Beauchemin  
Pretreatment Inspector(print)

*John Beauchemin*  
Pretreatment Inspector(Sign)

2/3/2022  
Date



## INDUSTRIAL USER INSPECTION REPORT

<b>I.</b>	<b>Industry:</b> OMNOVA	<b>Date:</b> 11/5/2021	<b>Time:</b> 10:00
	<b>Follow-up inspection no. (1,2,3,ect)</b>	<b>Date of previous inspection:</b>	12/16/2021
	<b>Permit no.</b> 316	<b>Federal Pretreatment Category:</b>	
	<b>Expiration date:</b>	12/31/2025	
	<b>Address:</b>	119 Authority Drive Fitchburg, MA. 01420	
	<b>Phone:</b>	978-665-2532	
	<b>Contact Person/Title:</b>	Ray Pfiefler	

<b>II.</b>	<b>Pre-inspection Preparation</b>	
a.	Review permit	X
b.	Review plans of industry sewer connection	
c.	Review self-monitoring reports	X
d.	Review previous inspection reports	X
e.	Review periodic monitoring results	X
f.	Prepare sampling and safety equipment, if necessary.	X
g.	<b>Inspection type:</b>	
	Unannounced	Scheduled/Annual X New Company
	Complaint	Spill Violation
	Other	

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>
	Chemical production. Oil and Gas Additives, Chemicals for carpets, papers, textiles, pool liners, laminates.
a.	<b>Number of Employees:</b> 25
b.	<b>Shifts Per Day:</b> 3 shifts 7-330/330-1130/1130-700
c.	<b>Raw Materials:</b> List attached
d.	<b>Waste streams to sewer:</b> Treated Polymer Solids "White Water", Thermal Oxidizer, Reactor washout/cleaning (all floor drains pump to pretreatment system)
e.	<b>Pretreatment system:</b> Sludge Settlement, pH adjustment, Zinc Removal 5000 gal. takes about 3hrs. To discharge to POTW

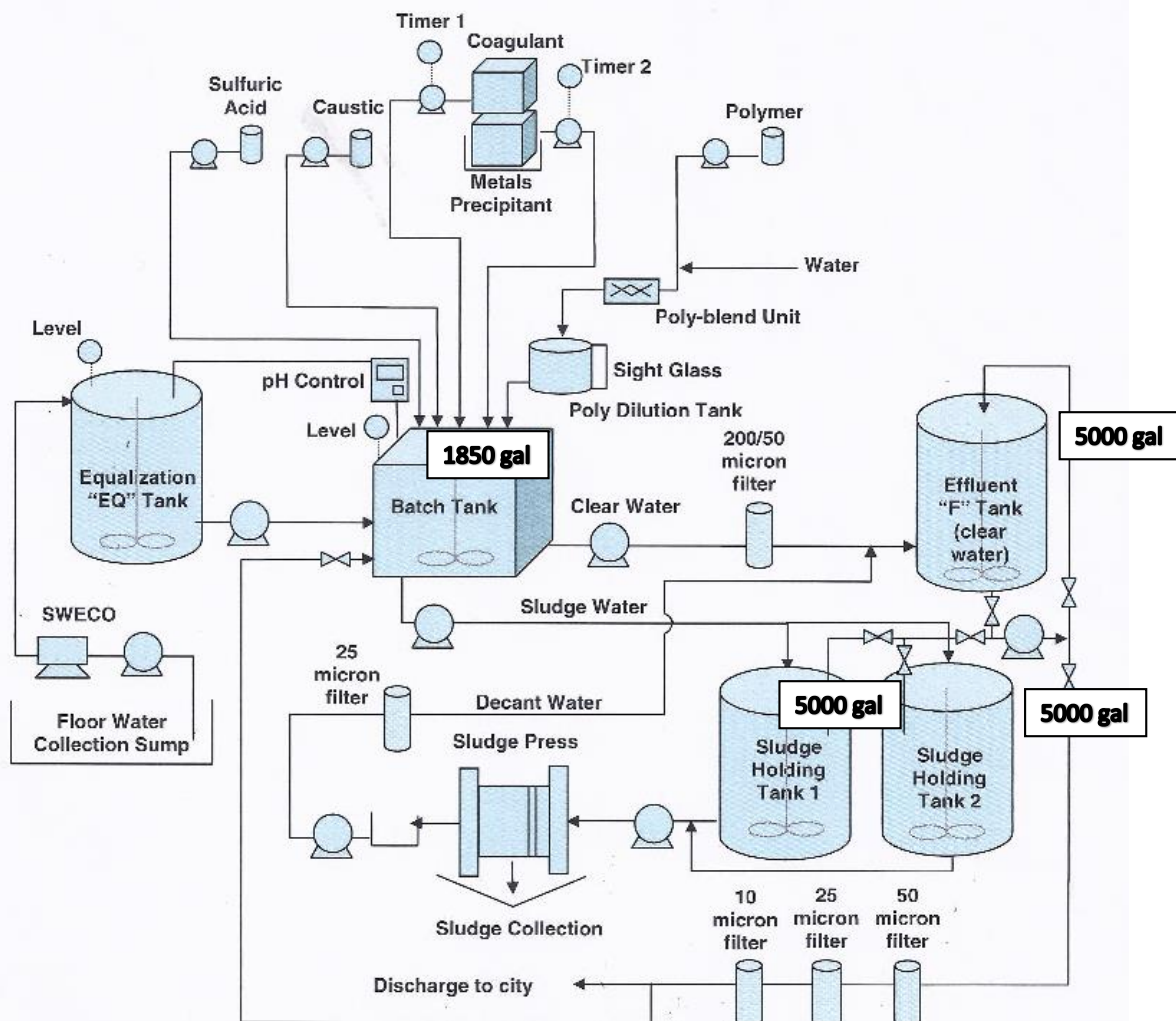
11/30/2016

Procedure No: SOP-PRD-080-R19  
Written: OMNOVA Solution  
119 Authority Drive  
Fitchburg MA 01420

**Standard Operating Procedure**  
Title: Waste Water Treatment Records  
Purpose: To provide forms used to operate the waste water  
treatment safely and in accordance with waste permit issued by the city of Fitchburg

Date: October 16, 2003  
Updated: 1/17/13  
Page: 3 of 11

### The Wastewater Treatment System



**IV. Industry Inspection**

- a. Sampling location(s) and procedures reviewed with contact person yes
- b. Area pretreatment files and reports available and maintained? Yes
- c. Are chain-of-custody and lab analysis reports on file? Yes
- d. Date(s) of last calibrations/equipment checks: pH. Meter Cal. 10-15-2021  
Fitchburg Water calibrates the flow meter, replaced April 2021

- e. Is the industry in full operation? Yes
- f. Has the industry modified its operation? No
- g. If so, has the industry submitted information to the municipality? Na
- h. Number of industry wastewater discharge points 1
- i. Are the discharge points accessible? Maintained? yes
- j. Is the pretreatment equipment operational and maintained? Yes
- k. Was a grab sample taken during the inspection? yes
- l. List no. of samples, types, and sample locations:

full set of annual samples

- m. Is information about spills/problems posted? yes
- n. Who is responsible for inspection and maintenance of the discharge and sampling locations? Ray, (shift supervisors)
- o. Are flow records available? Yes
- p. Are maintenance records available for the pretreatment equipment? Yes See (s)
- q. Are sampling procedures established, documented, reasonable? Yes
- r. Is an independent lab used for analyses? Yes

if yes, list lab(s): Alpha Analytical

- s. Violations/problems: No

(p) Maintenance records kept in Data base (SAP) software

- t. Are industry personnel knowledgeable on the program? Yes
- u. Other comments: Todd Laplante is the Chemist

Todd runs interior lab to analyze wastewater flows and manage data related to  
how much waste can be dumped in accordance with Omnova's permit. Waste checked  
for TSS, Zinc and pH.

Thermal Oxidizer running onsite to collect vapors from reactors. Condensate is pretreated.

<b>V. Post-inspection</b>	
a. Does the industry respond to inquiries?	Yes
b. Does the industry address violations or other pretreatment issues?	yes
c. Are sampling reports submitted on time?	yes
d. Is the industry currently in compliance with permit requirements?	yes
if not, indicate problems:	
Na	
e. Was the industry contact person advised of on-site inspection deficiencies	Na
f. Other comments:	Waste sludge stored in roll off then shipped to Haverhill 1, every 3 weeks
Covanta	

VI.

John Beauchemin

Pretreatment Inspector(print)

John Beauchemin

Pretreatment Inspector(Sign)

2/3/2022

Date

# Atta

#####

STYRENE BULK WITH 10 PPM INHIBITOR	N-METHYLOL METHACRYLAMIDE MHOROMER BM818	8/20/2015
BUTYL ACRYLATE BULK	T-DET N 1003	Each batch is logged into Excel
ETHYL ACRYLATE BULK	SULFURIC ACID 40%	
METHYL METHACRYLATE BULK	SODIUM PERSULFATE	
METHACRYLIC ACID	HYDROGEN PEROXIDE 35%	
ZINC AMMONIUM CARBONATE	2-ETHYL HEXYL ACRYLATE-DRUM	
ACRYLONITRILE BULK	ACTICIDE MV-14	
SODIUM HYDROXIDE 50 DRUM	ACTICIDE L-30	
ACRYLIC ACID	ISOASCORBIC ACID D	
LOW ODOR ZINC AMMONIUM CARBONATE	T-DET 0165	
CALFAX DB45	ZINC OXIDE 15%	
AMMONIUM HYDROXIDE 26 BAUME	TRIMETHYLOLPROPANE DIALLYL ETHER 90%	No
BETA CARBOXY ETHYL ACRYLATE	TOLYTRIAZOLE	
RHODACAL DS-4	AEROSOL 501	
N-METHYLOL ACRYLAMIDE 48% DRUM	AGNIQUE PG 8105	
AMMONIUM PERSULFATE	DIALLYL PHTHALATE	
EMULSOGEN EPN 118 NONIONIC SURFACTANT	MERGAL K14	
DOWFAX 2A1	FOAMASTER WBA	
ITACONIC ACID	POL YSTEP A-16-22 DRUM	
N-DODECYL MERCAPTAN	DIVINYL BENZENE 56%	
METHACRYLIC ACID DRUM	FOAMBLAST 301 S	
T DET N 307	TERGITOL 15-S-12	
ACRYLAMIDE 50%	SURFONIC N-102	
DIPROPYLENE GLYCOL MONOMETHYL ETHER	ZONYL FSO FLUOROSURFACTANT	
KP 140 PLT460	HOSTAPUR SAS60	
VINYL TRIMETHOXY SILANE		
TERTBUTYL HYDROPEROXIDE	TERGITOL I	
ABEX 2535	FERROUS SULFATE HEPTAHYDRATE	
1880AQUASET 1676	SODIUM CHLORIDE	
GLYCERIN 99.7% USP KOSHER DRUM	SW DISPONIL FES 993	
T-DET 0 407	ACTICIDE MV	
DECANEDIOL DIACRYLATE	HEXANEDIOL DIACRYLATE	
SODIUM FORMALDEHYDE SULFOXYLATE	AMMONIUM BICARBONATE	
CALCIUM ACETATE	DISPONIL SLS 2010	
2-HYDROXY ETHYL ACRYLATE DRUM	WACKER SILICONE SE-21	
METHYL ACRYLATE	RHODOLINE 990	
AEROSOL 18P	RHODASURF BC 610	
CALCIUM CHLORIDE 77%-80%	DREWPLUS L 198 DRUM	
ETHYLENE GLYCOL DIMETHACRYLATE	ALLYL METHACRYLATE	
FOAM BLAST 241	ABEX JKB	
SODIUM SULFATE (ANHYDROUS)	RHODAPON UB	
SODIUM METABISULFITE	TERTIARY DODECYL MERCAPTAN	
LOMAR LS	RHODAPEX EST-30	
VINYLACETATE DRUM	ACRYSOL RM-895	
OCTAWAX 321	HOSTAPAL BV	
POTASSIUM PERSULFATE	UREA - 50 LB	
GEMTEX SC75	POLYSTEP B-1	
E-SPERSE 704	ETHOX L-122	
DISPONIL A 1080	GLYCOL ETHER DE-LG	
PHOSPHORIC ACID 85	KP 140	
AEROSOL A-196 97%	ADVANTAGE 1512 DEFOAMER	
TRITON X-200	WESTVACO 895A	
HAM POL 120	T MULZ 4241	
FOAMASTER NXZ	METHACRYLAMIDE (MHOROMER BM801)	
SULFOETHYL METHACRYLATE	LAROSTAT 264A	
RHODACAL LDS-22	BENZOFLEX 50	
AEROSOL A-1 03	TRITON GR-5M	
RHODAPEX CO-436 DRUM	3-MERCAPTOPROPIONIC ACID	
POTASSIUM HYDROXIDE (SOLUTION)	SODIUM HYDROSULFITE	
RHODAPON L-22	ETHOX L-121	
RHODACAL A246L		
TEGO FOAMEX 1488		
SODIUM BICARBONATE		
TRITON OS-44		
TEXANOL		
ALPHA-METHYL STYRENE		

\*List compiled every 3 years

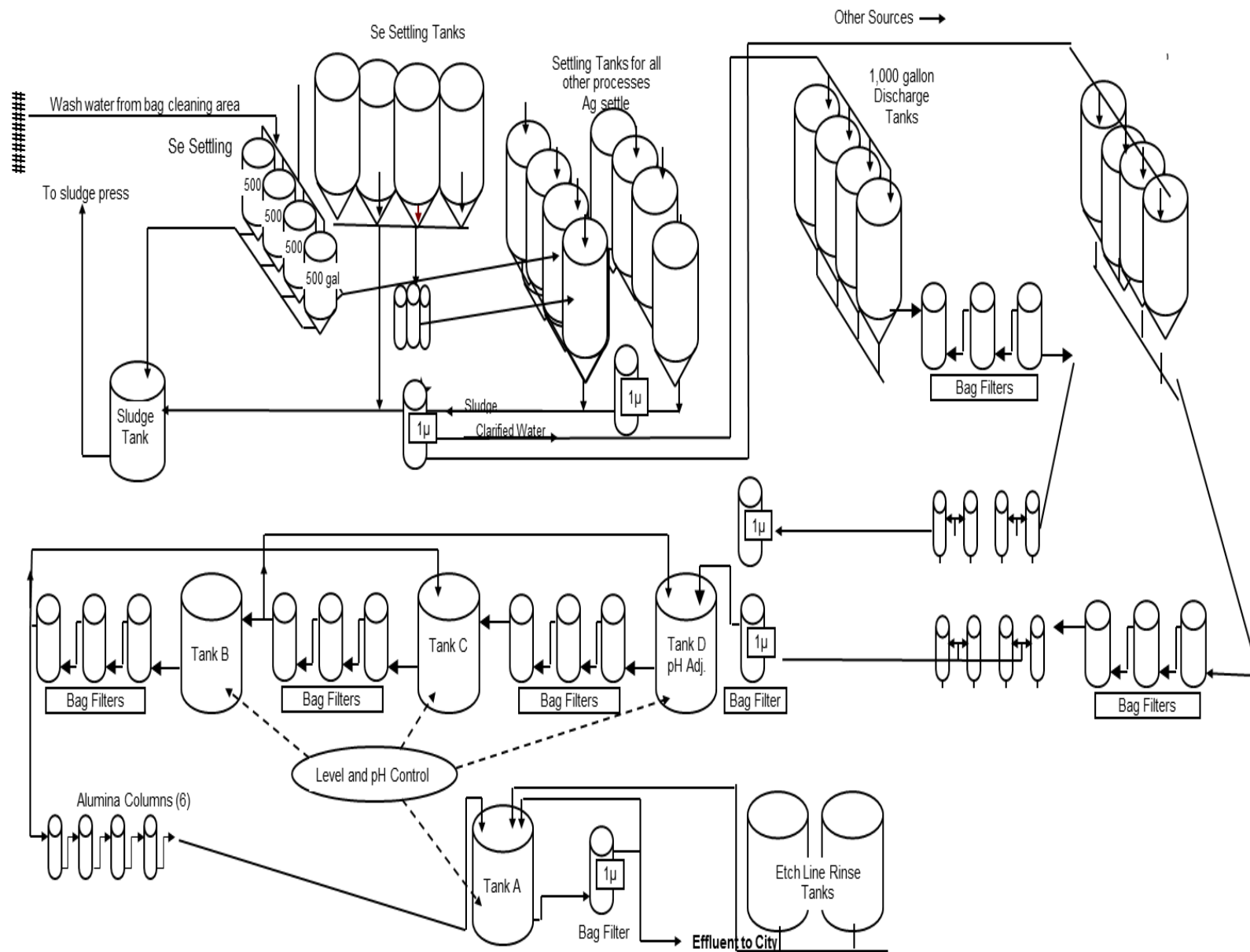
## INDUSTRIAL USER INSPECTION REPORT

<b>I.</b>	Industry: <u>Select Engineering Inc.</u>	Date: <u>8/11/2021</u>	Time: <u>12:30</u>
	Follow-up inspection no. (1,2,3,ect) _____	Date of previous inspection: <u>8/19/2020</u>	
	Permit no. <u>246</u>	Federal Pretreatment Category: <u>40 cfr 433 subpart A&amp;433.15</u>	
	Expiration date: _____	<u>12/31/2025</u>	
	Address: <u>260 Lunenburg Street, Fitchburg, Ma. 01420</u>		
	Phone: <u>978-345-4400</u>		
	Contact Person/Title: <u>Dana Johnson</u>		

<b>II.</b>	<b>Pre-inspection Preparation</b>		
	a. Review permit		<u>X</u>
	b. Review plans of industry sewer connection		<u>X</u>
	c. Review self-monitoring reports		<u>X</u>
	d. Review previous inspection reports		<u>X</u>
	e. Review periodic monitoring results		<u>X</u>
	f. Prepare sampling and safety equipment, if necessary.		<u>X</u>
	g. Inspection type:		
	Unannounced _____	Scheduled/Annual <u>X</u>	New Company _____
	Complaint _____	Spill _____	Violation _____
	Other _____		

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>		
	<u>Manufacturers of disposable silver/silver chloride coated electrode sensors</u>		
	a. Number of Employees:		<u>44</u>
	b. Shifts per Day and Hours of Operation:		<u>1 Shift 9hrs</u>
	c. Raw Materials:		<u>Attachment B</u>
	d. Waste streams to sewer:		<u>Pretreatment at 6 gpm</u>
	e. Pretreatment system:		<u>Settling tanks, Reverse Osmosis, pH Adjustment,</u>
			<u>Carbon Filter beds</u>

USE THIS PAGE TO DIAGRAM THIS FACILITY'S PROCESSES, WASTE STREAMS, PRETREATMENT SYSTEMS, SAMPLING LOCATIONS, SEWER CONNECTIONS, ETC.



**IV. Industry Inspection**

- a. Sampling location(s) and procedures reviewed with contact person yes
- b. Area pretreatment files and reports available and maintained? yes
- c. Are chain-of-custody and lab analysis reports on file? yes
- d. Date(s) of last calibrations/equipment checks: 8/2/2021

- e. Is the industry in full operation? yes
- f. Has the industry modified its operation? No
- g. If so, has the industry submitted information to the municipality? na
- h. Number of industry wastewater discharge points 1
- i. Are the discharge points accessible? Maintained? yes
- j. Is the pretreatment equipment operational and maintained? yes
- k. Was a grab sample taken during the inspection? yes
- l. List no. of samples, types, and sample locations: full

set of annual samples (metals,EPA 624, EPA 625, pcb/pesticides, Cr6 and Cyanide)

BOD,TSS,O&G, Ammonia and Phosphorus

- m. Is information about spills/problems posted? yes
- n. Who is responsible for inspection and maintenance of the discharge and sampling locations? Dana Johnson / Mike Racine
- o. Are flow records available? yes
- p. Are maintenance records available for the pretreatment equipment? yes
- q. Are sampling procedures established, documented, reasonable? yes
- r. Is an independent lab used for analyses? Weekly
- if yes, list lab(s): Industrial Analytical, Leominster, MA

- s. Violations/problems: No

- t. Are industry personnel knowledgeable on the program? Yes
- u. Other comments: Haz Waste sludge is taken by Colt Refinery, Merrimack NH for silver.

Carbon filters are replaced every 2 years, RO cleaned twice a year by outside company.



## V. Post-inspection

a. Does the industry respond to inquiries? Yes

<b>b.</b>	<b>Does the industry address violations or other pretreatment issues?</b>	Yes
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c. Are sampling reports submitted on time? yes

d. Is the industry currently in compliance with permit requirements? Yes

if not, indicate problems: \_\_\_\_\_ Na

e.	Was the industry contact person advised of on-site inspection deficiencies	NA
----	--	----

**f. Other comments:**

VI. John Beauchemin  
Pretreatment Inspector(print)

John Beauchemin  
Pretreatment Inspector(Sign)

2/3/2022  
Date

## ATTACHMENT B

#####

Sodium hydroxide 50%

Ammonium Hydroxide

Formaldehyde 37%

Hydrochloric Acid 36%

Isopropyl Alcohol

Muriatic Acid

Nitric Acid

Silver Nitrate

Ferric Chloride

Stannous Chloride

Selenium Metal

Plastic Resin Used

20% glass filled ABS

40% carbon filled ABS

## INDUSTRIAL USER INSPECTION REPORT

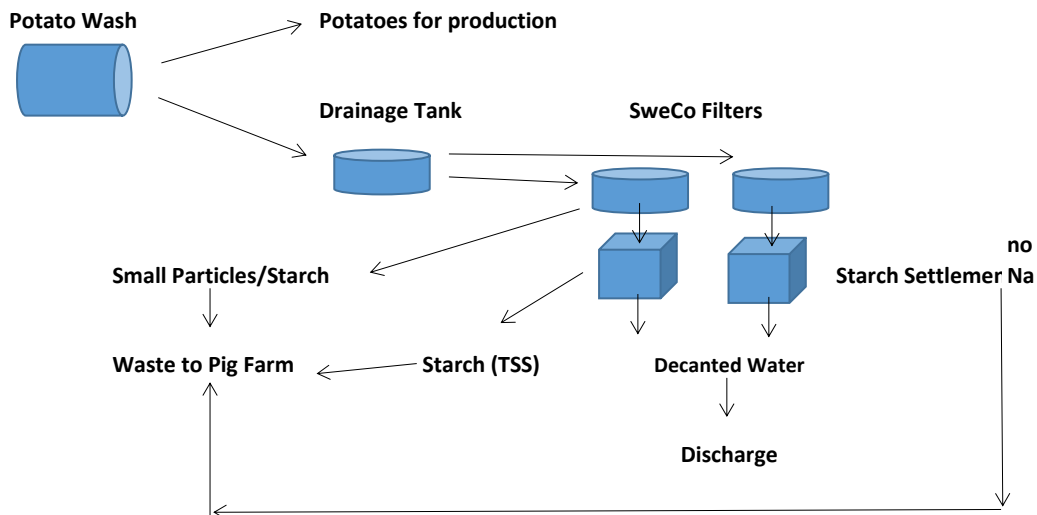
<b>I.</b>	<b>Industry:</b> <u>UTZ Quality Food INC.</u>	<b>Date:</b> <u>9/8/2021</u>	<b>Time:</b> <u>10:30</u>
	<b>Follow-up inspection no. (1,2,3,ect)</b> <u>                    </u>	<b>Date of previous inspection:</b> <u>11/18/202</u>	
	<b>Permit no.</b> <u>241</u>	<b>Federal Pretreatment Category:</b> <u>Siu Non Categorical</u>	
	<b>Expiration date:</b> <u>12/31/2025</u>		
	<b>Address:</b> <u>759 Water St. Fitchburg, Ma.01420</u>		
	<b>Phone:</b> <u>978-342-6038 EXT. 595</u>		
	<b>Contact Person/Title:</b> <u>Greg Krysiak</u>		

<b>II.</b>	<b>Pre-inspection Preparation</b>		
	a. Review permit		<u>X</u>
	b. Review plans of industry sewer connection		<u>na</u>
	c. Review self-monitoring reports		<u>X</u>
	d. Review previous inspection reports		<u>X</u>
	e. Review periodic monitoring results		<u>X</u>
	f. Prepare sampling and safety equipment, if necessary.		<u>X</u>
	g. Inspection type:		
	Unannounced <u>                    </u>	Scheduled/Annual <u>X</u>	New Company <u>                    </u>
	Complaint <u>                    </u>	Spill <u>                    </u>	Violation <u>                    </u>
	Other <u>                    </u>		

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>		
	<u>Potato Chip production</u>		
	a. Number of Employees:	<u>70</u>	
	b. Shifts Per Day:	<u>2 shifts-8hrs</u>	
	c. Raw Materials:	<u>Potatoes, Fryer Cleaning Chemicals,/ Cotton Seed oil</u>	
	d. Waste streams to sewer:	<u>Potato Wash, Fryer cleaning rinse off</u>	
	e. Pretreatment system:	<u>Two SweCo Round Separator Filters</u>	
	<u>Flottweg Centrifuge produces 2 Tons of starch a day that is collected then shipped off-site and sold for \$.15 a pound. The potato peels and discarded chips hauled off site to Mass Natural Fertilizer (Westminster Ma.)</u>		

USE THIS PAGE TO DIAGRAM THIS FACILITY'S PROCESSES, WASTE STREAMS, PRETREATMENT SYSTEMS,  
SAMPLING LOCATIONS, SEWER CONNECTIONS, ETC.

Date of previous inspection:



**IV. Industry Inspection**

- a. Sampling location(s) and procedures reviewed with contact person yes
- b. Area pretreatment files and reports available and maintained? yes
- c. Are chain-of-custody and lab analysis reports on file? yes
- d. Date(s) of last calibrations/equipment checks: na

- e. Is the industry in full operation? Yes
- f. Has the industry modified its operation? No
- g. If so, has the industry submitted information to the municipality? Na
- h. Number of industry wastewater discharge points 1
- i. Are the discharge points accessible? Maintained? Exterior SMH
- j. Is the pretreatment equipment operational and maintained? Yes
- k. Was a grab sample taken during the inspection? no
- l. List no. of samples, types, and sample locations: yes  
full set of annual samples
- m. Is information about spills/problems posted? yes (see F on Page 4)
- n. Who is responsible for inspection and maintenance of the discharge and sampling locations? Greg Krysiak
- o. Are flow records available? yes
- p. Are maintenance records available for the pretreatment equipment? yes
- q. Are sampling procedures established, documented, reasonable? yes
- r. Is an independent lab used for analyses? yes  
if yes, list lab(s): EST Associates
- s. Violations/problems: no
- t. Are industry personnel knowledgeable on the program? Yes
- u. Other comments: Baker Commodities waste cooking oil 275 gallons every 3 weeks  
wash fryer weekly  
10,000 Gallon Cotton seed oil Storage tank on-site  
cooks about 150-200 thousand pounds of potatoes a day.

<b>V. Post-inspection</b>	
a. Does the industry respond to inquiries?	Yes
b. Does the industry address violations or other pretreatment issues?	yes
c. Are sampling reports submitted on time?	yes
d. Is the industry currently in compliance with permit requirements?	yes
if not, indicate problems:	
Na	
e. Was the industry contact person advised of on-site inspection deficiencies	Na
f. Other comments:	NA
Spill prevention plan is on-site and yearly spill prevention training is done	
spill kit is located right outside of fryolator room	

VI.

John Beauchemin

Pretreatment Inspector(print)

John Beauchemin

Pretreatment Inspector(Sign)

2/3/2022

Date

## INDUSTRIAL USER INSPECTION REPORT

<b>I.</b>	<b>Industry:</b> Wachusett Brewing Company	<b>Date:</b> 12/8/2021	<b>Time:</b> 13:00
	<b>Follow-up inspection no. (1,2,3,ect)</b>	<b>Date of previous inspection:</b>	
	<b>Permit no.</b> 242	<b>Federal Pretreatment Category:</b>	Siu Non Categorical
	<b>Expiration date:</b>	12/31/2022	
	<b>Address:</b>	175 State Road East, Westminster Ma. 01473	
	<b>Phone:</b>	978-874-9965 ext 1107	
	<b>Contact Person/Title:</b>	Joseph Powers	

<b>II.</b>	<b>Pre-inspection Preparation</b>	
a.	Review permit	X
b.	Review plans of industry sewer connection	na
c.	Review self-monitoring reports	X
d.	Review previous inspection reports	X
e.	Review periodic monitoring results	X
f.	Prepare sampling and safety equipment, if necessary.	X
g.	<b>Inspection type:</b>	
	Unannounced _____ Scheduled/Annual X	New Company _____
	Complaint _____ Spill _____	Violation _____
	Other _____	

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>
	Beer Brewery
a.	<b>Number of Employees:</b> 120
b.	<b>Shifts Per Day:</b> 3 shifts 8 hours
c.	<b>Raw Materials:</b>
d.	<b>Waste streams to sewer:</b> Side stream tank bottoms (yeast,hops solids and the trub)
e.	<b>Pretreatment system:</b>

**IV. Industry Inspection**

- a. Sampling location(s) and procedures reviewed with contact person yes
- b. Area pretreatment files and reports available and maintained? yes
- c. Are chain-of-custody and lab analysis reports on file? no COC
- d. Date(s) of last calibrations/equipment checks: pH. Cal. 11-17-21 done once a month  
parshal flume cal. 11-17-21 done once a year

- e. Is the industry in full operation? yes
- f. Has the industry modified its operation? No
- g. If so, has the industry submitted information to the municipality? Na
- h. Number of industry wastewater discharge points 1
- i. Are the discharge points accessible? Maintained? yes
- j. Is the pretreatment equipment operational and maintained? Yes
- k. Was a grab sample taken during the inspection? yes
- l. List no. of samples, types, and sample locations: yes

full set of annual samples

- m. Is information about spills/problems posted? no
- n. Who is responsible for inspection and maintenance of the discharge and sampling locations? Joseph Powers
- o. Are flow records available? yes
- p. Are maintenance records available for the pretreatment equipment? yes
- q. Are sampling procedures established, documented, reasonable? yes
- r. Is an independent lab used for analyses? yes

if yes, list lab(s): Nashoba

- s. Violations/problems:

BOD, TSS and pH.

- t. Are industry personnel knowledgeable on the program? Yes

- u. Other comments: Vanguard pumps out side streaming vessel 3x a week 5000 gal. at a time  
Vanguard pumps out 10,000 gallon tank equalization tank every 21 days



## V. Post-inspection

a. Does the industry respond to inquiries? Yes

**b. Does the industry address violations or other pretreatment issues?** yes

c. Are sampling reports submitted on time? yes

d. Is the industry currently in compliance with permit requirements? No

**if not, indicate problems:**

WBC is working on getting into compliance with their permit by side streaming more

and looking into getting a system to automate their pH. Control

e.	Was the industry contact person advised of on-site inspection deficiencies	Na
----	--	----

**f. Other comments:**

VI. **John Beauchemin**  
**Pretreatment Inspector(print)**

*John Beauchemin*  
Pretreatment Inspector(Sign)

2/08/2022

---

**Date**



## INDUSTRIAL USER INSPECTION REPORT

<b>I.</b>	<b>Industry:</b> <u>Wachusett Brewing Company</u>	<b>Date:</b> <u>12/8/2021</u>	<b>Time:</b> <u>13:00</u>
	<b>Follow-up inspection no. (1,2,3,ect)</b> _____ <b>Date of previous inspection:</b> _____		
	<b>Permit no.</b> <u>242</u> <b>Federal Pretreatment Category:</b> <u>Siu Non Categorical</u>		
	<b>Expiration date:</b> <u>12/31/2022</u>		
	<b>Address:</b> <u>175 State Road East, Westminster Ma. 01473</u>		
	<b>Phone:</b> <u>978-874-9965 ext 1107</u>		
	<b>Contact Person/Title:</b> <u>Joseph Powers</u>		

<b>II.</b>	<b>Pre-inspection Preparation</b>		
	a. Review permit		<u>X</u>
	b. Review plans of industry sewer connection		<u>na</u>
	c. Review self-monitoring reports		<u>X</u>
	d. Review previous inspection reports		<u>X</u>
	e. Review periodic monitoring results		<u>X</u>
	f. Prepare sampling and safety equipment, if necessary.		<u>X</u>
	g. Inspection type:		
	Unannounced _____	Scheduled/Annual <u>X</u>	New Company _____
	Complaint _____	Spill _____	Violation _____
	Other _____		

<b>III.</b>	<b>Type of industry (Describe industrial processes):</b>		
	<u>Beer Brewery</u>		
	a. Number of Employees:	<u>120</u>	
	b. Shifts Per Day:	<u>3 shifts 8 hours</u>	
	c. Raw Materials:		
	d. Waste streams to sewer:	<u>Side stream tank bottoms (yeast,hops solids and the trub)</u>	
	e. Pretreatment system:		

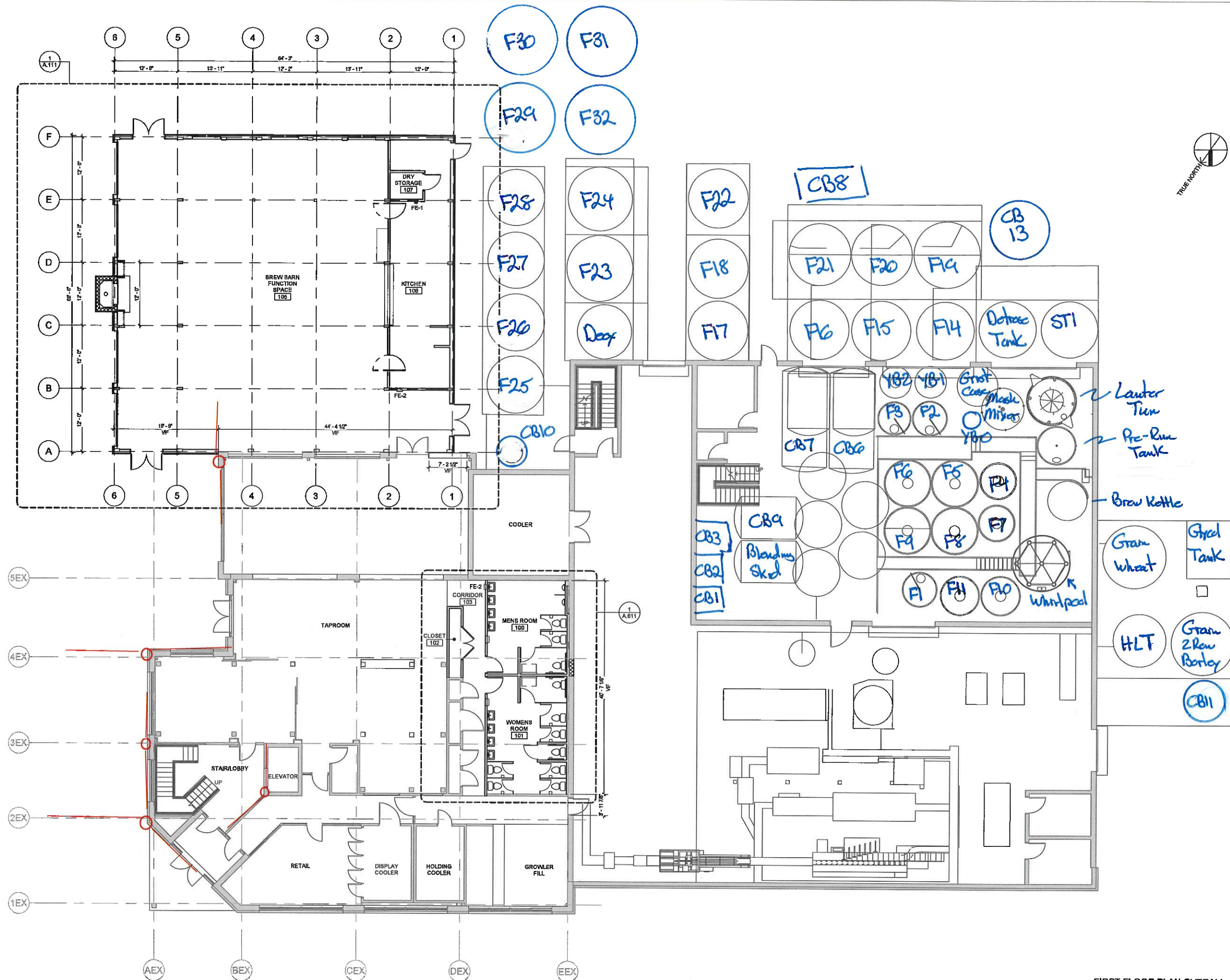
<b>IV. Industry Inspection</b>	
a. Sampling location(s) and procedures reviewed with contact person	yes
b. Area pretreatment files and reports available and maintained?	yes
c. Are chain-of-custody and lab analysis reports on file?	no COC
d. Date(s) of last calibrations/equipment checks:	pH. Cal. 11-17-21 done once a month
	parshal flume cal. 11-17-21 done once a year

e. Is the industry in full operation?	yes
f. Has the industry modified its operation?	No
g. If so, has the industry submitted information to the municipality?	Na
h. Number of industry wastewater discharge points	1
i. Are the discharge points accessible? Maintained?	yes
j. Is the pretreatment equipment operational and maintained?	Yes
k. Was a grab sample taken during the inspection?	yes
l. List no. of samples, types, and sample locations:	yes
	full set of annual samples
m. Is information about spills/problems posted?	no
n. Who is responsible for inspection and maintenance of the discharge and sampling locations?	Joseph Powers
o. Are flow records available?	yes
p. Are maintenance records available for the pretreatment equipment?	yes
q. Are sampling procedures established, documented, reasonable?	yes
r. Is an independent lab used for analyses?	yes
if yes, list lab(s):	Nashoba
s. Violations/problems:	
	BOD, TSS and pH.
t. Are industry personnel knowledgeable on the program?	Yes
u. Other comments:	Vanguard pumps out side streaming vessel 3x a week 5000 gal. at a time
	Vanguard pumps out 10,000 gallon tank equalization tank every 21 days

V. Post-inspection	
a. Does the industry respond to inquiries?	Yes
b. Does the industry address violations or other pretreatment issues?	yes
c. Are sampling reports submitted on time?	yes
d. Is the industry currently in compliance with permit requirements?	No
if not, indicate problems:	
WBC is working on getting into compliance with their permit by side streaming more	
and looking into getting a system to automate their pH. Control	
e. Was the industry contact person advised of on-site inspection deficiencies	Na
f. Other comments:	

VI.	<u>John Beauchemin</u>	<u>John Beauchemin</u>	<u>2/08/2022</u>
	Pretreatment Inspector(print)	Pretreatment Inspector(Sign)	Date





**Notes:**

PARTITION LEGEND	
[Symbol]	EXISTING WALL, VERIFY CONSTRUCTION IN FIELD
[Symbol]	BRICK VENEER EXTERIOR WALL W/ MTL STUD BACK-UP
[Symbol]	BRICK VENEER EXTERIOR WALL W/ MASONRY BACK-UP
[Symbol]	UP EPS EXTERIOR WALL
[Symbol]	CMU WALL
[Symbol]	INTERIOR PARTITION

**PARTITION NOTES**

1. ALL WALLS NOT KEYED IN BY WALL TYPE DESIGNATION TO BE PARTITION "P1", TYP.

**DIMENSIONING NOTES**

1. EXTERIOR MASONRY WALLS ARE DIMENSIONED TO THE FACE OF MASONRY

2. INTERIOR MASONRY WALLS ARE DIMENSIONED TO THE FACE OF MASONRY

3. WOOD FRAMED EXTERIOR WALLS ARE DIMENSIONED TO THE EXTERIOR FACE OF STUD.

4. INTERIOR PARTITIONS ARE DIMENSIONED TO THE CENTERLINE, UNLESS NOTED OTHERWISE.

**FIRE EXTINGUISHER**

FE-1	SURFACE MOUNT FIRE EXTINGUISHER - J.L. INDUSTRIES - COSMIC 5E MULTI PURPOSE DRY CHEMICAL FOR ABC FIRE TYPES
FE-2	RECESSED FIRE EXTINGUISHER - J.L. INDUSTRIES - COSMIC 5E MULTI PURPOSE DRY CHEMICAL FOR ABC FIRE TYPES WITH SEMI RECESSED CABINET

Architect's Stamp:

Project:  
Wachusett Brewing - Brew Barn  
175 State Rd E  
Westminster, MA 01473

Wachusett Brewing Co.  
175 State Rd E, Westminster, MA 01473

Issue: PERMIT SET  
Date: 08/27/2019

Revisions:

Drawing Title:  
First Floor Plan

Sheet Number:  
**A.101**

MAUGEL ARCHITECTS  
200 Ayer Road  
www.maugel.com  
Harvard, MA 01834  
978.456.2800

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FIRST FLOOR PLAN OVERALL  
SCALE: 1/8" = 1'-0"

### **Adjuncts**

Belgian Sugar Blonde

Dry Dextrose

Lactose

Liquid Sucrose

## Chemicals

ENHANCE O2  
Enviroguard Drain Treatment  
F-29 QUAT SANITIZER  
F-364 FOAMING ALKALINE CLEANER  
HDA-2500 ACID  
HLC-5000  
HLC-5200 GB CAUSTIC  
LINE LUBE  
MICRODYNE IODOPHOR  
UNIVAR BLENDED CAUSTIC 20 GRAIN  
UNIVAR Caustic Soda 50%  
UNIVAR Hydrogen Peroxide  
Univar Xiameter defoamer

## Hops

431  
7C's Falconers Flight  
Amarillo  
Azacca  
Bravo  
Calypso  
Cascade T-90  
Celeia (Styrian Goldings)  
Centennial  
Challenger  
Chinook  
Citra  
Columbus  
Czech Saaz  
Ekaunot  
El Dorado  
Falconer's Flight Blend  
Flex Hop  
Galaxy  
German Hallertau Mittelfrueh  
German Herkules  
German Magnum  
German Northern Brewer  
German Perle  
German Tettnang  
Lemondrop  
Mosaic  
Mt. Rainer  
Sabro X-438  
Simcoe  
Strata  
UK East Kent Golding  
UK Fuggles  
US Liberty  
US Magnum  
US Northern Brewer  
US Willamette  
Vic Secret



## **Malt**

2-Row Bulk Malt  
2-row/Pre-Cracked (RAHR)  
Best - Acid Malt  
Best - Caramel Aromatic  
Best - Caramel Munich III  
Best - Munich  
Best Vienna  
Briess - Aromatic Munich 20L  
Briess - Bonlander Munich  
Briess - Caramel-30  
Briess - Caramel-60  
Briess - Caramunich 60  
Briess - Carapils  
Briess - Chocolate  
Briess - Pilsen  
Briess - Torrified Wheat  
Briess - Victory  
Canada Malting Barley Flakes  
Corn Flakes (Maize) OIO  
Crisp - Caramalt  
Crisp - Crystal 77L  
Crisp - Torrified Wheat  
Crisp Chocolate Malt  
Crisp Crystal 120  
Crisp Flaked Rice  
Crisp Roast Barley  
Fawcetts Amber  
Fawcetts Chocolate malt  
Fawcetts Crystal malt II/65  
Fawcetts Roast Barley  
Franco-Belge Caramel Munich 120  
Gambrinus - Honey Malt  
Grain Millers - Oat Flakes  
Grain Millers - Wheat Flakes  
Ireks - Crystal Teak  
Ireks - Rosewood  
Ireks - Rye Malt  
Rice Hulls  
Simpsons - Roast Barley  
Simpsons Caramalt  
Simpsons Crystal Extra Dark  
Simpsons Golden Oats  
Stone Path - KARA-10L  
Stone Path - Munich Dark  
Stone Path - Vienna

Stone Path NorEast KARA-40L  
Stone Path NorEast Munich  
Weyermann - Acidulated  
Weyermann - Carafoam  
Weyermann - Melanoidin  
Weyermann Carafa Special 3  
Weyermann Extra Pale Premium Pilsner  
Weyermann Munich I  
Wheat Malt  
White Wheat Rahr (bagged)

**Other/Flavorings**

Allspice  
Amoretti Blood Orange Syrup  
Biofine  
Bitter Orange Peel  
Calcium Chloride  
Calcium Sulfate  
Cargill ViaTech400 Stevia  
Cinnamon  
Citric Acid 50%  
Clarex  
Coffee Concentrate  
Coriander  
Erythritol  
Fermcap  
Ginger  
Greenwood Unclarified Lemon Concentrate 400-GPL  
KICK Carrageenan T (Tablets)  
Lactic Acid (88%)  
Liquid Caramel Color YT90  
Magnesium Sulfate  
Malic Acid  
Mane Black Cherry E\_18C3029  
Mane Blackberry 12705  
Mane Blueberry (seltzer) 9467  
Mane Blueberry Extract (beer) 24289W  
Mane Coconut E\_1958718  
Mane Lemon 64440  
Mane Lemonade E20106954  
Mane Lime 18D5829  
Mane Lime E\_64441  
Mane Raspberry E\_19B4617  
Mane Strawberry F94277  
Mulling Spice Blend  
Nutmeg  
PACE 376  
Passion Fruit Puree (Vinters Harvest)  
Phosphoric 75%  
Pumpkin Pie Seasoning  
Pumpkin puree  
PVPP  
Sensient Black Carrot Liq HC Blue 41938X010  
Sensient Blue Liquid Color 3571234  
Sensient Blueberry 28249  
Sensient Chocolate 41994  
Sensient Cloud 34863

**Yeast**

1318 Yeast  
1332 Yeast  
2206 Yeast  
3463 Yeast  
48hr TURBO yeast  
A38 Juice Yeast  
Fermentis S - 33  
Fermentis S-05  
Fermentis T-58  
Premiere Cuvee  
WLP 940 (Mexican Lager)

Sensient Margarita 36740  
Sensient Melon 28257  
Sensient Meyer Lemon 21094  
Sensient Moscow Mule SN2000036578  
Sensient Raspberry 25710  
Sensient Raspberry Chambord 41941  
Sensient Red Liquid Color 4011235  
Sensient Sweetness Modifier 34100  
Sensient White Sangria SN2000036572  
Silesia Lime 6501  
Sodium Bicarbonate (Baking Soda)  
Sodium Chloride  
Sodium Citrate  
Strawberry Puree (Oregon Fruit)  
Sucrose  
Sweet Orange Peel  
Tanal-A  
Target Lemon Extract 225  
Vanilla Extract (ATLANTIC SPICE)  
Vanilla Extract-2X (AMORETTI)  
Virginia Lemon Extract  
Wyeast Nutrient  
Yeastex 82

# **APPENDIX D**

## **Enforcement**



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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Apr 23, 2021

PERMIT NO. 106

PERMITEE:

Advance Coatings Company  
42 Depot Road  
Westminster MA 01473

Attn: Jason Cook

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

Advance Coatings Company

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

42 Depot Road  
Westminster MA 01473

City of  
**Fitchburg**



Department of  
**Public Works**

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**VIOLATION SUMMARY**

<u>Date Occurred</u>	<u>Parameter</u>	<u>N.C.Type</u>	<u>Description</u>
02/25/2021	Oil and Grease	NC-P	Oil and Grease Daily Limit was exceeded. The Result was 238 mg/L while the Daily Limit is 100 mg/L.

1. The City has reviewed the Self-Monitoring Report that was submitted by, Advance Coatings Company. The report indicated on the date listed in the above table that, Advance Coatings Company discharged oil and grease in an exceedance of their Industrial Pretreatment Permit.

**ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION**

Within 30 days from the date of this notice, the City must receive from  
Advance Coatings Company.

- Three (3) consecutive days of additional sampling and analyses from the sampling location 001, for the permit parameter in violation located in the above table.

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,

Mark McNamara  
DPW, Wastewater, Superintendent

City of  
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Department of  
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Any additional violation of the City's Industrial Pretreatment Program could result in the City escalating enforcement response to civil action. The City has the authority to begin to assess fines of up to \$5,000.00 per day for each violation detected and to ultimately terminate wastewater discharges to the publicly owned treatment works.

**WASTEWATER TREATMENT FACILITY COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION

Jeffrey A. Murawski, P.E.  
Fitchburg DPW Deputy Commissioner of Wastewater





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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

May 03, 2021

PERMIT NO. 366

PERMITEE:

Greif Fitchburg Paperboard (Newark America)  
100 Newark Way  
Fitchburg MA 01420

Attn: Steven West

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

Greif Fitchburg Paperboard (Newark America)

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

100 Newark Way  
Fitchburg MA 01420

City of  
**Fitchburg**



Department of  
**Public Works**

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**VIOLATION SUMMARY**

<u>Date Occurred</u>	<u>Parameter</u>	<u>N.C.Type</u>	<u>Description</u>
03/31/2021	TSS	NC-P	TSS mass Monthly average limit was exceeded. The Monthly average result was 3,583 lbs. While the monthly average limit is 2500 lbs

1. The City has reviewed Greif Fitchburg Paperboard's (Newark America) monthly TSS and BOD numbers and the report indicated on the month listed in the above table Greif Fitchburg Paperboard (Newark America) discharged TSS in the exceedance of their Industrial Pretreatment Permit.

**ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION**

Within 30 days from the date of this notice, the City must receive from Greif Fitchburg Paperboard (Newark America).

- A corrective action plan detailing how Greif Fitchburg Paperboard plans to remediate the cause of the violation going forward.

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,

Mark McNamara  
DPW, Wastewater, Superintendent

City of  
**Fitchburg**



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**NOTICE**

Any additional violation of the City's Industrial Pretreatment Program could result in the City escalating enforcement response to civil action. The City has the authority to begin to assess fines of up to \$5,000.00 per day for each violation detected and to ultimately terminate wastewater discharges to the publicly owned treatment works.

**WASTEWATER TREATMENT FACILITY COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION

Jeffrey A. Murawski, P.E.  
Fitchburg DPW Deputy Commissioner of Wastewater



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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Jan 20, 2022

PERMIT NO. 376

PERMITEE:

Resource Control Inc.  
600 New Ludlow Road  
South Hadley MA 01075

**Attn:** Frank Sepiol

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

Fitchburg/Westminster Landfill

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

101 Fitchburg Road  
Westminster MA 01473

## VIOLATION SUMMARY

Date Occurred	Parameter	N.C.Type	Description
11/15/2021	Cu	NC-P	Copper, Total MassDaily Limit was exceeded. The MassResult was 0.0921 ppd while the MassDaily Limit is 0.07 ppd.
11/15/2021	Hg	NC-P	Mercury, Total MassDaily Limit was exceeded. The MassResult was 0.0021 ppd while the MassDaily Limit is 0.00117 ppd.

The City has reviewed the Self-Monitoring Report that was submitted by, Resource Control Inc. The report indicated on the date listed in the above table that, The Fitchburg/Westminster Landfill discharged copper and mercury in an exceedance of their Industrial Pretreatment Permit.

### ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION

Within 30 days from the date of this notice, the City must receive from Resource Control Inc.

Three (3) consecutive days of additional sampling and analyses from The Fitchburg/Westminster Landfill sampling location 001, for the permit parameters in violation located in the above table.

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,



Mark McNamara  
DPW, Wastewater, Superintendent

## **NOTICE**

Any additional violation of the City's Industrial Pretreatment Program could result in the City escalating enforcement response to civil action. The City has the authority to begin to assess fines of up to \$5,000.00 per day for each violation detected and to ultimately terminate wastewater discharges to the publicly owned treatment works.

### **WASTEWATER TREATMENT FACILITY COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION



Mark McNamara  
DPW, Wastewater, Superintendent



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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Mar 26, 2021

PERMIT NO. 246

PERMITEE:

Select Engineering  
260 Lunenburg  
Fitchburg, MA. 01420

Attn: Dana Johnson

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

Select Engineering

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

260 Lunenburg  
Fitchburg MA 01420

City of  
**Fitchburg**



Department of  
**Public Works**

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**VIOLATION SUMMARY**

<u>Date Occurred</u>	<u>Parameter</u>	<u>N.C.Type</u>	<u>Description</u>
03/09/2021	BOD	NC-P	BOD-5 Mass Daily Limit was exceeded. The Mass Result was 53.349 ppd while the Mass Daily Limit is 40 ppd.

1. The City has reviewed the Self-Monitoring Report that was submitted by, Select Engineering. The report indicated on the date listed in the above table that, Select Engineering discharged BOD in an exceedance of their Industrial Pretreatment Permit.

**ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION**

Within 45 days from the date of this notice, the City must receive from  
Select Engineering.

- Three (3) consecutive days of additional sampling and analyses from the sampling location 001, for the permit parameter in violation located in the above table.
- Also Select Engineering must submit a detailed in-house audit to determine the cause of said violation

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,

Mark McNamara  
DPW, Wastewater, Superintendent



City of  
**Fitchburg**



Department of  
**Public Works**

**COMMISSIONER**

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978-345-9623 FAX

**SEWER COLLECTION**

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978-345-9687 FAX

**WATER**

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978-345-9616  
978-345-9555 FAX

**ENGINEERING  
PLANNING**

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**CEMETERIES**

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978-345-9578  
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**NOTICE**

Any additional violation of the City's Industrial Pretreatment Program could result in the City escalating enforcement response to civil action. The City has the authority to begin to assess fines of up to \$5,000.00 per day for each violation detected and to ultimately terminate wastewater discharges to the publicly owned treatment works.

**WASTEWATER TREATMENT FACILITY COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION

Jeffrey A. Murawski, P.E.  
Fitchburg DPW Deputy Commissioner of Wastewater



**COMMISSIONER**  
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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Oct 25, 2021

PERMIT NO. 241

PERMITEE:

UTZ Quality Foods Inc  
759 Water Street, Route 12  
Fitchburg MA 01420

**Attn:** Greg Krysiak

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

UTZ Quality Foods Inc

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

759 Water Street, Route 12  
Fitchburg MA 01420



**VIOLATION SUMMARY**

Date Occurred	Parameter	N.C.Type	Description
09/08/2021	TSS	NC-P	TSS MassDaily Limit was exceeded. The MassResult was 3358.9600 ppd while the MassDaily Limit is 2400 ppd.
09/08/2021	BOD	NC-P	BOD MassDaily Limit was exceeded. The MassResult was 1655.1397 ppd while the MassDaily Limit was 1400 ppd.

The City has completed the annual sampling and inspection of UTZ Quality Foods. The report indicated on the date listed in the above table that. UTZ Quality Foods Inc. discharged BOD and TSS in an exceedance of their Industrial Pretreatment Permit.

**ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION**

Within 30 days from the date of this notice, the City must receive from UTZ Quality Foods Inc.

- Three (3) consecutive days of additional sampling and analyses from the sampling location 001, for the permit parameters in violation located in the above table.

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,

Mark McNamara  
DPW, Wastewater, Superintendent

**COMMISSIONER**  
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City of  
**Fitchburg**



Department of  
**Public Works**

**COMMISSIONER**  
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978-345-9687 FAX

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978-345-9578  
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**NOTICE**

Any additional violation of the City's Industrial Pretreatment Program could result in the City escalating enforcement response to civil action. The City has the authority to begin to assess fines of up to \$5,000.00 per day for each violation detected and to ultimately terminate wastewater discharges to the publicly owned treatment works.

**WASTEWATER TREATMENT FACILITY COMMISSION**

**FITCHBURG DPW, WASTEWATER DIVISION**

**Anthony Maressa, P.E.**  
**Sewer System Manager**



**COMMISSIONER**

301 Broad Street  
978-829-1910  
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**CEMETERIES**

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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Mar 31, 2021

PERMIT NO. 242

PERMITTEE:

Wachusett Brewing Company  
175 State Road, East  
Westminster, MA 01473

Attn: Mr. Joseph Powers, Plant/Project Manager

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE:

Wachusett Brewing Company

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

175 State Road, East  
Westminster, MA 01473

## VIOLATION SUMMARY

<u>Violation Occurrence Date</u>	<u>N.C.Type</u>	<u>Description</u>
02/25/2021	NC-P	pH Daily Limit was exceeded. The Result was 13.45 SU while the Daily Limit is 5.5 - 11.0 SU.
02/25/2021	NC-P	pH Daily Limit was exceeded. The Result was 0.48 SU while the Daily Limit is 5.5 - 11.0 SU.
02/25/2021	NC-P	BOD-5 Mass Daily Limit was exceeded. The Mass Result was 6,700.976 ppd while the Mass Daily Limit is 2000 ppd.
02/25/2021	NC-P	TSS Mass Daily Limit was exceeded. The Mass Result was 1,176.74 ppd while the Mass Daily Limit is 500 ppd.

**Note:** The City has reviewed the Self-Monitoring Report submitted by Wachusett Brewing Company. The report indicated that on the date presented in the above table that Wachusett Brewing Company discharged BOD,TSS and pH in exceedance of their Industrial Pretreatment Permit discharge limits.

### ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION

Within 45 days from the date of this notice, the City must receive from Wachusett Brewing Company.

- Three (3) consecutive weeks of additional sampling and analyses from the sampling location 001, for the permit parameters in violation located in the above table.
- Also Wachusett Brewing Company must submit a corrective action plan detailing how WBC plans to remediate the cause of the violations going forward.

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 345-9625 ext. 1003

Regards,



Mark McNamara  
DPW, Wastewater, Superintendent

## **NOTICE**

Any additional violation of the City's Industrial Pretreatment Program could result in the City escalating enforcement response to civil action. The City has the authority to assess fines of up to \$5,000.00 per day for each violation detected and to ultimately terminate wastewater discharges to the publicly owned treatment works.

### **WATER/WASTEWATER COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION



Jeffrey A. Murawski, P.E.  
Fitchburg DPW Deputy Commissioner of Wastewater



**COMMISSIONER**

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PLANNING**

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**CEMETERIES**

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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

May 03, 2021

PERMIT NO. 242

PERMITEE:

Wachusett Brewing Company  
175 State Road East  
Westminster Ma 01473

Attn: Joseph Powers

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

Wachusett Brewing Company

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

175 State Road East  
Westminster Ma 01473



City of  
**Fitchburg**



Department of  
**Public Works**

**COMMISSIONER**

301 Broad Street  
978-829-1910  
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**VIOLATION SUMMARY**

<u>Date Occurred</u>	<u>Parameter</u>	<u>N.C.Type</u>	<u>Description</u>
04/12/2021	Oil & Grease	NC-P	Oil and Grease Daily Limit was exceeded. The Result was 1529 mg/L while the Daily Limit is 100 mg/.
04/12/2021	BOD	NC-P	BOD-5 Mass Daily Limit was exceeded. The Mass Result was 3248 ppd while the Mass Daily Limit is 2000 ppd.
04/12/2021	pH.	NC-P	pH Daily Limit was exceeded. The Result was 2.78 SU while the Daily Limit is 5.5-11.0
04/12/2021	TSS	NC-P	TSS Mass Daily Limit was exceeded. The Mass Result was 799 ppd while the Mass Daily Limit is 500 ppd.

1. City has reviewed the Self-Monitoring Report that was submitted by, Wachusett Brewing Company. The report indicated on the date listed in the above table that Wachusett Brewing Company discharged oil & grease, pH, TSS and BOD in an exceedance of their Industrial Pretreatment Permit.

**ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION**

Within 30 days from the date of this notice, the City must receive from Wachusett Brewing Company.

- Three (3) consecutive days of additional sampling and analyses from the sampling location 001, for oil & grease.
- Also WBC must submit a detailed in-house audit to determine the cause of the said oil & grease violation
- Continue doing weekly sample and analyses for BOD and TSS

Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,

Mark McNamara  
DPW, Wastewater, Superintendent

City of  
**Fitchburg**



Department of  
**Public Works**

**COMMISSIONER**

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**NOTICE**

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**WASTEWATER TREATMENT FACILITY COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION

Jeffrey A. Murawski, P.E.  
Fitchburg DPW Deputy Commissioner of Wastewater



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## NOTICE OF VIOLATION

THIS IS AN IMPORTANT NOTICE. FAILURE TO TAKE ADEQUATE ACTION IN RESPONSE TO THE NOTICE COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

Jul 15, 2021

PERMIT NO. 242

PERMITEE:

Wachusett Brewing Company  
175 State Road East  
Westminster Ma 01473

Attn: Joseph Powers

### NONCOMPLIANCE SUMMARY

NAME OF ENTITY IN NONCOMPLIANCE

Wachusett Brewing Company

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED

175 State Road East  
Westminster Ma 01473



**COMMISSIONER**

301 Broad Street  
978-829-1910  
978-345-9687 FAX

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**CEMETERIES**

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**VIOLATION SUMMARY**

<b>Date Occurred</b>	<b>N.C.Type</b>	<b>Description</b>
06/14/2021	NC-P	Oil and Grease Daily Limit was exceeded. The Result was 117.34 mg/L while the Daily Limit is 100 mg/L.
06/14/2021	NC-P	TSS TRC MassDaily Limit was exceeded. The MassResult was 901.90 ppd while the MassDaily Limit is 500 ppd.
06/14/2021	NC-P	BOD-5 TRC MassDaily Limit was exceeded. The MassResult was 4700.79 ppd while the MassDaily Limit is 2000 ppd.
6/14/2021	NC-P	pH Daily Limit was exceeded. The Result was 4.88 SU while the Daily Limit is 5.5-11.0

1. The City has reviewed the Self-Monitoring Report that was submitted by, Wachusett Brewing Company. The report indicated on the date listed in the above table that. Wachusett Brewing Company discharged oil & grease, pH, TSS and BOD in an exceedance of their Industrial Pretreatment Permit

**ACTION TO BE TAKEN AND THE DEADLINE FOR TAKING SUCH ACTION**

Within 30 days from the date of this notice, the City must receive from Wachusett Brewing Company.

- Three (3) consecutive days of additional sampling and analyses from the sampling location 001, for oil & grease.
- WBC will continue doing weekly samples and analyses for BOD and TSS
- Also WBC will submit an updated corrective action plan stating when the new facility upgrades will finally be up and running to remediate the cause of said violations.

City of  
**Fitchburg**



Department of  
**Public Works**

**COMMISSIONER**

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Should you have any questions or concerns regarding this matter, please do not hesitate to contact the City's Pretreatment Coordinator, Mr. John Beauchemin, or the undersigned at (978) 353-2304

Regards,

Mark McNamara  
DPW, Wastewater, Superintendent

City of  
**Fitchburg**



Department of  
**Public Works**

**COMMISSIONER**

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**WASTEWATER TREATMENT FACILITY COMMISSION**

FITCHBURG DPW, WASTEWATER DIVISION

Jeffrey A. Murawski, P.E.  
Fitchburg DPW Deputy Commissioner of Wastewater

# **APPENDIX E**

## **SNC Evaluation**

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		1	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
COD	1	0		0		0	0		0		1	0		0		0	0		0	
Oil and Grease	2	1	50%	1	50%	0	0		0		0	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Chromium (VI)	2	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Nickel, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,2-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloropropane	2	0		0		0	0		0		2	0		0		0	0		0	
1,3- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,4- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Benzene	2	0		0		0	0		0		2	0		0		0	0		0	
Carbon Tetrachloride	2	0		0		0	0		0		2	0		0		0	0		0	
Chlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroform	2	0		0		0	0		0		2	0		0		0	0		0	
Chloromethane	2	0		0		0	0		0		2	0		0		0	0		0	
cis-1,3-Dichloropropene	2	0		0		0	0		0		2	0		0		0	0		0	
Ethylbenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Methylene Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
Tetrachloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Toluene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
trans-1,2-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Trichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Vinyl Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
1,2,4-Trichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
2-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
4,6-dinitro-2-methylphenol	2	0		0		0	0		0		2	0		0		0	0		0	
4-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
Acenaphthene	2	0		0		0	0		0		2	0		0		0	0		0	
Anthracene	2	0		0		0	0		0		2	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Diethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Dimethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Di-n-butylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Fluorene	2	0		0		0	0		0		2	0		0		0	0		0	
Fluoroanthene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobutadiene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Naphthalene	2	0		0		0	0		0		2	0		0		0	0		0	
Nitrobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Phenanthrene	2	0		0		0	0		0		2	0		0		0	0		0	
Pyrene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	48	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
COD	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	48	11	23%	9	19%	0	0		0		19	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	1	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Chromium (VI)	1	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		1	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		1	0		0		0	0		0	
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Selenium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cyanide, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Total Toxic Organics	3	0		0		0	0		0		0	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	11	0		0		0	0		0		11	0		0		0	0		0	
BOD-5	11	0		0		0	0		0		11	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Arsenic, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Selenium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cyanide, Total	1	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	1	0		0		0	0		0		1	0		0		0	0		0	
BOD-5	1	0		0		0	0		0		1	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Arsenic, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		1	1	100%	1	100% +++	0	0		0	
Lead, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		1	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	2	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
Total Dissolved Solids	1	0		0		0	0		0		1	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
COD	1	0		0		0	0		0		1	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		2	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Arsenic, Total	1	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Selenium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	1	0		0		0	0		0		1	0		0		0	0		0	
1,1,2-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,1-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloropropane	2	0		0		0	0		0		2	0		0		0	0		0	
1,3- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,4- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Benzene	2	0		0		0	0		0		2	0		0		0	0		0	
Carbon Tetrachloride	2	0		0		0	0		0		2	0		0		0	0		0	
Chlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroform	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chloromethane	2	0		0		0	0		0		2	0		0		0	0		0	
cis-1,3-Dichloropropene	2	0		0		0	0		0		2	0		0		0	0		0	
Ethylbenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Methylene Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
Tetrachloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Toluene	2	0		0		0	0		0		2	0		0		0	0		0	
trans-1,2-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Trichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Vinyl Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
1,2,4-Trichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
2-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
4,6-dinitro-2-methylphenol	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
4-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
Acenaphthene	2	0		0		0	0		0		2	0		0		0	0		0	
Anthracene	2	0		0		0	0		0		2	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Diethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Dimethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Di-n-butylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Fluorene	2	0		0		0	0		0		2	0		0		0	0		0	
Fluoroanthene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobutadiene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachloroethane	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Naphthalene	2	0		0		0	0		0		2	0		0		0	0		0	
Nitrobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Phenanthrene	2	0		0		0	0		0		2	0		0		0	0		0	
Pyrene	2	0		0		0	0		0		2	0		0		0	0		0	



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **256**

Permittee: **Rand-Whitney (DS Smith)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		3	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	1	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **256**

Permittee: **Rand-Whitney (DS Smith)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
Parameter	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	4	0		0		0	0		0		0	0		0		0	0		0	
TSS	1	0		0		0	0		0		1	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	3	100%	2	67% ***	0	0		0	
Oil and Grease	1	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Arsenic, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	1	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		1	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		1	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	2	0		0		0	0		0		0	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: 241

Permittee: Utz Quality Foods Inc

Monitoring Point: all

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
COD	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		2	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Copper, Total	1	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **241**

Permittee: **Utz Quality Foods Inc**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Lead, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	1	0		0		0	0		0		1	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

	Concentration SNC Calculations										Mass SNC Calculations										
	Daily					Average					Daily					Average					
Parameter	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	
Temperature	2	0		0		0	0		0		0	0		0		0	0		0		
pH	2	2	100%	0		0	0		0		0	0		0		0	0		0		
Flow	2	0		0		0	0		0		0	0		0		0	0		0		
TSS	2	0		0		0	0		0		2	1	50%	1	50%		0	0		0	
BOD-5	2	0		0		0	0		0		2	2	100%	1	50%		0	0		0	
Oil and Grease	2	0		0		0	0		0		1	0		0		0	0		0		
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0		
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0		
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0		
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0		
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0		
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0		

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 10/01/2020 to 03/31/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
Industries In Parameter SNC

Report Period: 10/01/2020 to 03/31/2021

<b>106 - Advance Coatings Company</b>	Params in SNC: <b>1</b>	Contact Info: Jason Cook	978-874-5921
<b>242 - Wachusett Brewing Company</b>	Params in SNC: <b>3</b>	Contact Info: Joseph Powers	978-874-9965 ext-1107
<b>246 - Select Engineering</b>	Params in SNC: <b>1</b>	Contact Info: Dana Johnson	978-345-4400

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	1	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	5	1	20%	1	20%	0	0		0		0	0		0		0	0		0	
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0	
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0	
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,2-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,2-Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloropropane	2	0		0		0	0		0		2	0		0		0	0		0	
1,3- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,4- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Benzene	2	0		0		0	0		0		2	0		0		0	0		0	
Carbon Tetrachloride	2	0		0		0	0		0		2	0		0		0	0		0	
Chlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroform	2	0		0		0	0		0		2	0		0		0	0		0	
Chloromethane	2	0		0		0	0		0		2	0		0		0	0		0	
cis-1,3-Dichloropropene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Ethylbenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Methylene Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
Tetrachloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Toluene	2	0		0		0	0		0		2	0		0		0	0		0	
trans-1,2-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Trichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Vinyl Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
1,2,4-Trichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
2-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
4,6-dinitro-2-methylphenol	2	0		0		0	0		0		2	0		0		0	0		0	
4-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
Acenaphthene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Anthracene	2	0		0		0	0		0		2	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Diethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Dimethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Di-n-butylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Fluorene	2	0		0		0	0		0		2	0		0		0	0		0	
Fluoroanthene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobutadiene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Naphthalene	2	0		0		0	0		0		2	0		0		0	0		0	
Nitrobenzene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Phenanthrene	2	0		0		0	0		0		2	0		0		0	0		0	
Pyrene	2	0		0		0	0		0		2	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	28	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	28	1	4%	0		0	0		0		20	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Total Toxic Organics	2	0		0		0	0		0		0	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	11	0		0		0	0		0		11	0		0		0	0		0	
BOD-5	11	0		0		0	0		0		11	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	1	50%	1	50% ***	0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,2-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,2-Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloropropane	2	0		0		0	0		0		2	0		0		0	0		0	
1,3- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,4- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Benzene	2	0		0		0	0		0		2	0		0		0	0		0	
Carbon Tetrachloride	2	0		0		0	0		0		2	0		0		0	0		0	
Chlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroform	2	0		0		0	0		0		2	0		0		0	0		0	
Chloromethane	2	0		0		0	0		0		2	0		0		0	0		0	
cis-1,3-Dichloropropene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Ethylbenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Methylene Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
Tetrachloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Toluene	2	0		0		0	0		0		2	0		0		0	0		0	
trans-1,2-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Trichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Vinyl Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
1,2,4-Trichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
2-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
4,6-dinitro-2-methylphenol	2	0		0		0	0		0		2	0		0		0	0		0	
4-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
Acenaphthene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Anthracene	2	0		0		0	0		0		2	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Diethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Dimethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Di-n-butylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Fluorene	2	0		0		0	0		0		2	0		0		0	0		0	
Fluoroanthene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobutadiene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Naphthalene	2	0		0		0	0		0		2	0		0		0	0		0	
Nitrobenzene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Phenanthrene	2	0		0		0	0		0		2	0		0		0	0		0	
Pyrene	2	0		0		0	0		0		2	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **256**

Permittee: **Rand-Whitney (DS Smith)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	1	33%	0		0	0		0	
Oil and Grease	3	0		0		0	0		0		3	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **256**

Permittee: **Rand-Whitney (DS Smith)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	6	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	26	0		0		0	0		0		26	6	23%	4	15%	0	0		0	
Oil and Grease	2	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	2	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: 241

Permittee: Utz Quality Foods Inc

Monitoring Point: all

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **241**

Permittee: **Utz Quality Foods Inc**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	5	0		0		0	0		0		0	0		0		0	0		0	
pH	5	3	60%	0		0	0		0		0	0		0		0	0		0	
Flow	5	0		0		0	0		0		0	0		0		0	0		0	
<b>TSS</b>	<b>17</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>		<b>17</b>	<b>11</b>	<b>65%</b>	<b>9</b>	<b>53%</b>	<b>0</b>	<b>0</b>		<b>0</b>	
<b>BOD-5</b>	<b>14</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>		<b>0</b>		<b>14</b>	<b>11</b>	<b>79%</b>	<b>10</b>	<b>71%</b>	<b>0</b>	<b>0</b>		<b>0</b>	
Oil and Grease	8	2	25%	1	13%	0	0		0		2	0		0		0	0		0	
Ammonia	5	0		0		0	0		0		5	0		0		0	0		0	
Phosphorus	5	0		0		0	0		0		5	0		0		0	0		0	
Aluminum, Total	5	0		0		0	0		0		5	0		0		0	0		0	
Cadmium, Total	5	0		0		0	0		0		5	0		0		0	0		0	
Copper, Total	5	0		0		0	0		0		5	0		0		0	0		0	
Lead, Total	5	0		0		0	0		0		5	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 01/01/2021 to 06/30/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	5	0		0		0	0		0		5	0		0		0	0		0	
Zinc, Total	5	0		0		0	0		0		5	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
Industries In Parameter SNC

Report Period: 01/01/2021 to 06/30/2021

**242 - Wachusett Brewing Company**

Params in SNC: **2** Contact Info: Joseph Powers

978-874-9965 ext-1107

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	1	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	5	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,2-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,2-Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloropropane	2	0		0		0	0		0		2	0		0		0	0		0	
1,3- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,4- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Benzene	2	0		0		0	0		0		2	0		0		0	0		0	
Carbon Tetrachloride	2	0		0		0	0		0		2	0		0		0	0		0	
Chlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroform	2	0		0		0	0		0		2	0		0		0	0		0	
Chloromethane	2	0		0		0	0		0		2	0		0		0	0		0	
cis-1,3-Dichloropropene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Ethylbenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Methylene Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
Tetrachloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Toluene	2	0		0		0	0		0		2	0		0		0	0		0	
trans-1,2-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Trichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Vinyl Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
1,2,4-Trichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
2-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
4,6-dinitro-2-methylphenol	2	0		0		0	0		0		2	0		0		0	0		0	
4-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
Acenaphthene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Anthracene	2	0		0		0	0		0		2	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Diethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Dimethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Di-n-butylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Fluorene	2	0		0		0	0		0		2	0		0		0	0		0	
Fluoroanthene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobutadiene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Naphthalene	2	0		0		0	0		0		2	0		0		0	0		0	
Nitrobenzene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Phenanthrene	2	0		0		0	0		0		2	0		0		0	0		0	
Pyrene	2	0		0		0	0		0		2	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Total Toxic Organics	2	0		0		0	0		0		1	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		2	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Nickel, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	3	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	2	0		0		0	0		0		0	0		0		0	0		0	
pH	2	0		0		0	0		0		0	0		0		0	0		0	
Flow	2	0		0		0	0		0		0	0		0		0	0		0	
TSS	2	0		0		0	0		0		2	0		0		0	0		0	
BOD-5	2	0		0		0	0		0		2	0		0		0	0		0	
Oil and Grease	2	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	2	0		0		0	0		0		2	0		0		0	0		0	
Phosphorus	2	0		0		0	0		0		2	0		0		0	0		0	
Aluminum, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Arsenic, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cadmium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Chromium, Total	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	2	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Lead, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Mercury, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Selenium, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Silver, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Zinc, Total	2	0		0		0	0		0		2	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,2-Trichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,1-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,2-Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
1,2-Dichloropropane	2	0		0		0	0		0		2	0		0		0	0		0	
1,3- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
1,4- Dichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Benzene	2	0		0		0	0		0		2	0		0		0	0		0	
Carbon Tetrachloride	2	0		0		0	0		0		2	0		0		0	0		0	
Chlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Chloroform	2	0		0		0	0		0		2	0		0		0	0		0	
Chloromethane	2	0		0		0	0		0		2	0		0		0	0		0	
cis-1,3-Dichloropropene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Ethylbenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Methylene Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
Tetrachloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Toluene	2	0		0		0	0		0		2	0		0		0	0		0	
trans-1,2-Dichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Trichloroethene	2	0		0		0	0		0		2	0		0		0	0		0	
Vinyl Chloride	2	0		0		0	0		0		2	0		0		0	0		0	
1,2,4-Trichlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
2-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
4,6-dinitro-2-methylphenol	2	0		0		0	0		0		2	0		0		0	0		0	
4-Nitrophenol	2	0		0		0	0		0		2	0		0		0	0		0	
Acenaphthene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Anthracene	2	0		0		0	0		0		2	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Diethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Dimethylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Di-n-butylphthalate	2	0		0		0	0		0		2	0		0		0	0		0	
Fluorene	2	0		0		0	0		0		2	0		0		0	0		0	
Fluoroanthene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobenzene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachlorobutadiene	2	0		0		0	0		0		2	0		0		0	0		0	
Hexachloroethane	2	0		0		0	0		0		2	0		0		0	0		0	
Naphthalene	2	0		0		0	0		0		2	0		0		0	0		0	
Nitrobenzene	2	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Phenanthrene	2	0		0		0	0		0		2	0		0		0	0		0	
Pyrene	2	0		0		0	0		0		2	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **256**

Permittee: **Rand-Whitney (DS Smith)**

Monitoring Point: **all**

	Concentration SNC Calculations										Mass SNC Calculations										
	Daily					Average					Daily					Average					
Parameter	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	
Temperature	1	0		0		0	0		0		0	0		0		0	0		0		
pH	1	0		0		0	0		0		0	0		0		0	0		0		
Flow	1	0		0		0	0		0		0	0		0		0	0		0		
TSS	1	0		0		0	0		0		1	0		0		0	0		0		
BOD-5	1	0		0		0	0		0		1	1	100%	0		+++	0	0		0	
Oil and Grease	1	0		0		0	0		0		1	0		0		0	0		0		
Ammonia	1	0		0		0	0		0		1	0		0		0	0		0		
Phosphorus	1	0		0		0	0		0		1	0		0		0	0		0		
Aluminum, Total	1	0		0		0	0		0		1	0		0		0	0		0		
Cadmium, Total	1	0		0		0	0		0		1	0		0		0	0		0		
Copper, Total	1	0		0		0	0		0		1	0		0		0	0		0		
Lead, Total	1	0		0		0	0		0		1	0		0		0	0		0		

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **256**

Permittee: **Rand-Whitney (DS Smith)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Nickel, Total	1	0		0		0	0		0		1	0		0		0	0		0	
Zinc, Total	1	0		0		0	0		0		1	0		0		0	0		0	



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	5	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	26	0		0		0	0		0		26	3	12%	2	8%	0	0		0	
Oil and Grease	3	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: 241

Permittee: Utz Quality Foods Inc

Monitoring Point: all

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	1	33%	0		0	0		0	
BOD-5	3	0		0		0	0		0		3	1	33%	0		0	0		0	
Oil and Grease	3	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **241**

Permittee: **Utz Quality Foods Inc**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
Parameter	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	6	1	17%	0		0	0		0		0	0		0		0	0		0	
pH	13	5	38%	0		0	0		0		0	0		0		0	0		0	
Flow	6	0		0		0	0		0		0	0		0		0	0		0	
TSS	28	0		0		0	0		0		28	16	57%	13	46% ***	0	0		0	
BOD-5	25	0		0		0	0		0		25	16	64%	16	64% ***	0	0		0	
Oil and Grease	9	2	22%	1	11%	0	0		0		2	0		0		0	0		0	
Ammonia	6	0		0		0	0		0		6	0		0		0	0		0	
Phosphorus	6	0		0		0	0		0		6	0		0		0	0		0	
Aluminum, Total	5	0		0		0	0		0		5	0		0		0	0		0	
Cadmium, Total	6	0		0		0	0		0		6	0		0		0	0		0	
Copper, Total	6	0		0		0	0		0		6	0		0		0	0		0	
Lead, Total	6	0		0		0	0		0		6	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 04/01/2021 to 09/30/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	6	0		0		0	0		0		6	0		0		0	0		0	
Zinc, Total	6	0		0		0	0		0		6	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
Industries In Parameter SNC

Report Period: 04/01/2021 to 09/30/2021

<b>242 - Wachusett Brewing Company</b>	Params in SNC: <b>2</b>	Contact Info: Joseph Powers	978-874-9965 ext-1107
<b>256 - Rand-Whitney (DS Smith)</b>	Params in SNC: <b>1</b>	Contact Info: Dan Schulz	978-364-5244

Industry closed May 10,2021

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	2	0		0		0	0		0		2	0		0		0	0		0	
1,1,1-Trichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,1,2-Trichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,1-Dichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,1-Dichloroethene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,2-Dichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
1,2-Dichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,2-Dichloropropane	3	0		0		0	0		0		3	0		0		0	0		0	
1,3- Dichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
1,4- Dichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Benzene	3	0		0		0	0		0		3	0		0		0	0		0	
Carbon Tetrachloride	3	0		0		0	0		0		3	0		0		0	0		0	
Chlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Chloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
Chloroform	3	0		0		0	0		0		3	0		0		0	0		0	
Chloromethane	3	0		0		0	0		0		3	0		0		0	0		0	
cis-1,3-Dichloropropene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Ethylbenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Methylene Chloride	3	0		0		0	0		0		3	0		0		0	0		0	
Tetrachloroethene	3	0		0		0	0		0		3	0		0		0	0		0	
Toluene	3	0		0		0	0		0		3	0		0		0	0		0	
trans-1,2-Dichloroethene	3	0		0		0	0		0		3	0		0		0	0		0	
Trichloroethene	3	0		0		0	0		0		3	0		0		0	0		0	
Vinyl Chloride	3	0		0		0	0		0		3	0		0		0	0		0	
1,2,4-Trichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
2-Nitrophenol	3	0		0		0	0		0		3	0		0		0	0		0	
4,6-dinitro-2-methylphenol	3	0		0		0	0		0		3	0		0		0	0		0	
4-Nitrophenol	3	0		0		0	0		0		3	0		0		0	0		0	
Acenaphthene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Anthracene	3	0		0		0	0		0		3	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Diethylphthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Dimethylphthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Di-n-butylphthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Fluorene	3	0		0		0	0		0		3	0		0		0	0		0	
Fluoroanthene	3	0		0		0	0		0		3	0		0		0	0		0	
Hexachlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Hexachlorobutadiene	3	0		0		0	0		0		3	0		0		0	0		0	
Hexachloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
Naphthalene	3	0		0		0	0		0		3	0		0		0	0		0	
Nitrobenzene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **106**

Permittee: **Advance Coatings Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Phenanthrene	3	0		0		0	0		0		3	0		0		0	0		0	
Pyrene	3	0		0		0	0		0		3	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		2	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **376**

Permittee: **Fitchburg/Westminster Landfill**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	2	67%	2	67%	0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	2	67%	1	33%	0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Total Toxic Organics	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **366**

Permittee: **Greif Fitchburg Paperboard (Newark America)**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		0	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **101**

Permittee: **Micron Products Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	3	0		0		0	0		0		2	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	3	0		0		0	0		0		3	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	
1,1,1-Trichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,1,2-Trichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,1-Dichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,1-Dichloroethene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
1,2-Dichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
1,2-Dichloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
1,2-Dichloropropane	3	0		0		0	0		0		3	0		0		0	0		0	
1,3- Dichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
1,4- Dichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Benzene	3	0		0		0	0		0		3	0		0		0	0		0	
Carbon Tetrachloride	3	0		0		0	0		0		3	0		0		0	0		0	
Chlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Chloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
Chloroform	3	0		0		0	0		0		3	0		0		0	0		0	
Chloromethane	3	0		0		0	0		0		3	0		0		0	0		0	
cis-1,3-Dichloropropene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Ethylbenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Methylene Chloride	3	0		0		0	0		0		3	0		0		0	0		0	
Tetrachloroethene	3	0		0		0	0		0		3	0		0		0	0		0	
Toluene	3	0		0		0	0		0		3	0		0		0	0		0	
trans-1,2-Dichloroethene	3	0		0		0	0		0		3	0		0		0	0		0	
Trichloroethene	3	0		0		0	0		0		3	0		0		0	0		0	
Vinyl Chloride	3	0		0		0	0		0		3	0		0		0	0		0	
1,2,4-Trichlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
2-Nitrophenol	3	0		0		0	0		0		3	0		0		0	0		0	
4,6-dinitro-2-methylphenol	3	0		0		0	0		0		3	0		0		0	0		0	
4-Nitrophenol	3	0		0		0	0		0		3	0		0		0	0		0	
Acenaphthene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Anthracene	3	0		0		0	0		0		3	0		0		0	0		0	
bis (2-Ethylhexyl) phthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Diethylphthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Dimethylphthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Di-n-butylphthalate	3	0		0		0	0		0		3	0		0		0	0		0	
Fluorene	3	0		0		0	0		0		3	0		0		0	0		0	
Fluoroanthene	3	0		0		0	0		0		3	0		0		0	0		0	
Hexachlorobenzene	3	0		0		0	0		0		3	0		0		0	0		0	
Hexachlorobutadiene	3	0		0		0	0		0		3	0		0		0	0		0	
Hexachloroethane	3	0		0		0	0		0		3	0		0		0	0		0	
Naphthalene	3	0		0		0	0		0		3	0		0		0	0		0	
Nitrobenzene	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation



City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **316**

Permittee: **OMNOVA Solutions Inc.**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Phenanthrene	3	0		0		0	0		0		3	0		0		0	0		0	
Pyrene	3	0		0		0	0		0		3	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	3	0		0		0	0		0		0	0		0		0	0		0	
TSS	3	0		0		0	0		0		3	0		0		0	0		0	
BOD-5	4	0		0		0	0		0		4	0		0		0	0		0	
Oil and Grease	3	0		0		0	0		0		1	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Arsenic, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Chromium, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **246**

Permittee: **Select Engineering**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Chromium (VI)	3	0		0		0	0		0		2	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Mercury, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Nickel, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Selenium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Silver, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cyanide, Total	3	0		0		0	0		0		3	0		0		0	0		0	
TTO 1 (413/433) electroplating or metal finishing	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: 241

Permittee: Utz Quality Foods Inc

Monitoring Point: all

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	3	0		0		0	0		0		0	0		0		0	0		0	
pH	3	0		0		0	0		0		0	0		0		0	0		0	
Flow	5	0		0		0	0		0		0	0		0		0	0		0	
TSS	5	0		0		0	0		0		5	1	20%	0		0	0		0	
BOD-5	5	0		0		0	0		0		5	1	20%	0		0	0		0	
Oil and Grease	3	0		0		0	0		0		2	0		0		0	0		0	
Ammonia	3	0		0		0	0		0		3	0		0		0	0		0	
Phosphorus	3	0		0		0	0		0		3	0		0		0	0		0	
Aluminum, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Cadmium, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Copper, Total	3	0		0		0	0		0		3	0		0		0	0		0	
Lead, Total	3	0		0		0	0		0		3	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **241**

Permittee: **Utz Quality Foods Inc**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Zinc, Total	3	0		0		0	0		0		3	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Temperature	8	1	13%	0		0	0		0		0	0		0		0	0		0	
pH	14	5	36%	0		0	0		0		0	0		0		0	0		0	
Flow	10	0		0		0	0		0		0	0		0		0	0		0	
TSS	26	0		0		0	0		0		26	9	35%	6	23%	0	0		0	
BOD-5	26	0		0		0	0		0		26	13	50%	8	31%	0	0		0	
Oil and Grease	7	0		0		0	0		0		5	0		0		0	0		0	
Ammonia	7	0		0		0	0		0		7	0		0		0	0		0	
Phosphorus	7	0		0		0	0		0		7	0		0		0	0		0	
Aluminum, Total	6	0		0		0	0		0		6	0		0		0	0		0	
Cadmium, Total	7	0		0		0	0		0		7	0		0		0	0		0	
Copper, Total	7	0		0		0	0		0		7	0		0		0	0		0	
Lead, Total	7	0		0		0	0		0		7	0		0		0	0		0	

+++ = Chronic SNC Violation; \*\*\* = TRC SNC Violation

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
SNC Summary Report

Report Period: 07/01/2021 to 12/31/2021

Permit No: **242**

Permittee: **Wachusett Brewing Company**

Monitoring Point: **all**

Parameter	Concentration SNC Calculations										Mass SNC Calculations									
	Daily					Average					Daily					Average				
	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%	#	N/C	%	TRC	%
Mercury, Total	7	0		0		0	0		0		7	0		0		0	0		0	
Zinc, Total	7	0		0		0	0		0		7	0		0		0	0		0	

City of Fitchburg East WWTF  
Industrial Pretreatment Program  
Industries In Parameter SNC

Report Period: 07/01/2021 to 12/31/2021

**376 - Fitchburg/Westminster Landfill**

Params in SNC: **2**

Contact Info: Frank Sepiol

413-519-3916



# **APPENDIX F**

## **Publication of SIU SNC**

**CITY OF FITCHBURG WATER/WASTEWATER COMMISSION  
PUBLIC NOTICE  
OF  
SIGNIFICANT INDUSTRIAL USER  
WASTEWATER PRETREATMENT VIOLATIONS**

Listed below are significant industrial wastewater discharge violations occurring January 1, 2021 through December 31, 2021. They are herein published in accordance with the requirements set forth in the Federal Regulations 40 CFR part 403 (General Pretreatment Regulations) by the Water/Wastewater Commission.

**1. PERMITTEE VIOLATION**

- (a) Name: **Advanced Coatings**  
42 Depot Road  
Westminster, MA 01473
- (b) Violation: Industrial Discharge Permit no. 106 permit limit for oil and grease which is 100 mg/L was exceeded on 2/25/2021 with a sampling result of 238 mg/L.

- (c) Enforcement Action:

Notice of Violation issued April 23, 2021 required three (3) consecutive additional wastewater samples to be collected and analyzed to prove compliance.

- (d) Duration of Violation:

The wastewater sample taken on May 14, 2021 was in compliance as were all other subsequent effluent samples.

- (e) Current Status: This industry is now in compliance.

**2. PERMITTEE VIOLATION**

- (a) Name: **Select Engineering**  
260 Lunenburg Road  
Fitchburg, MA 01420
- (b) Violation: Industrial Discharge Permit no. 246 limit for BOD which is 40 lbs./day was exceeded on 3/9/2021 with a sampling result of 53.35 lbs./day.

- (c) Enforcement Action:

Notice of Violation issued March 26, 2021 required three (3) consecutive additional wastewater samples to be collected and analyzed to prove compliance.

- (d) Duration of Violation:

The wastewater sample taken on June 1, 2021 was in compliance as were all other subsequent effluent samples.

(e) Current Status: This industry is now in compliance.

### **3. PERMITTEE VIOLATION**

(a) Name: **Westminster Fitchburg Landfill**

Resource Control Inc.  
600 New Ludlow Road  
South Hadley, MA 01075

(b) Violation: Industrial Discharge Permit no. 376 limit for copper which is 0.07 lbs./day and mercury which is 0.00117 lbs./day was exceeded on:

November 15, 2021 the result for copper was 0.092 lbs./day and  
November 15, 2021 the result for mercury was 0.002 lbs./day

(c) Enforcement Action

Notice of Violation issued on January 20, 2021 required three (3) consecutive additional wastewater samples to be collected and analyzed to prove compliance.

(d) Duration of Violation:

The wastewater sample taken on February 17, 2021 was in compliance as were all other subsequent effluent samples.

(e) Current Status: This industry is now in compliance.

### **4. PERMITTEE VIOLATION**

(a) Name: **Wachusett Brewing Company**

175 State Road East  
Westminster, MA 01473

(b) Violation: Industrial Discharge Permit no. 242 limit for BOD, Oil & grease, pH, and TSS was exceeded on:

February 25, 2021 –	BOD= 6,700.976 lbs. ph= 13.45 TSS= 1,176.74lbs.	permit limit is 2,000 lbs. permit limit is 5.5-11.0 s.u. permit limit is 500 lbs.
---------------------	---	---

April 12, 2021 -	BOD= 3,248 lbs. Oil & grease = 1,529 mg/L	permit limit is 2,000 lbs. permit limit is 100 mg/L
------------------	--	--

	ph= 2.78 TSS= 797lbs.	permit limit is 5.5-11.0 s.u. permit limit is 500 lbs.
June 14, 2021-	BOD= 4,700.79 lbs. Oil & grease = 117.34 mg/L ph= 4.88 TSS= 901.90 lbs.	permit limit is 2,000 lbs. permit limit is 100 mg/L permit limit is 5.5-11.0 s.u. permit limit is 500 lbs.

(c) Enforcement Action

Notice of Violations issued March 31, 2021, May 3, 2021 and July 15, 2021 required three (3) consecutive additional wastewater samples to be collected after each violation and analyzed to prove compliance.

(d) Duration of Violation:

The wastewater samples taken on  
BOD on December 27, 2021  
Oil & grease on July 27, 2021  
pH on December 6, 2021 and  
TSS on August 25, 2021

Indicated compliance with permit limits.

(e) Current Status: This industry is now in compliance.

**APPENDIX G**

**Priority Pollutant Scan  
Summary**

This document was exported from Numbers. Each table was converted to an Excel worksheet. All other objects on each Numbers sheet were placed on separate worksheets. Please be aware that formula calculations may differ in Excel.

Numbers Sheet Name	Numbers Table Name	Excel Worksheet Name
625		
	Table 1	<a href="#">625</a>
624-608		
	Table 1	<a href="#">624-608</a>
Metals/Local Limits		
	Table 1	<a href="#">Metals_Local Limits</a>
Sludge		
	Table 1	<a href="#">Sludge</a>

City of Fitchburg							
WWTF Summary of Analytical Results							
						East WWTF	
DATE SAMPLED							
DATE RECEIVED							
						Primary	Final
Analyte				Units	Method	Influent	Effluent
Acenaphthene				µg/L	625.1	<1.35	<0.338
Acenaphthylene				µg/L	625.1	<1.30	<0.324
Anthracene				µg/L	625.1	<1.60	<0.400
Benzidine				µg/L	625.1	<40.2	<10.0
Benzo(a)anthracene				µg/L	625.1	<1.53	<0.383
Benzo(a)pyrene				µg/L	625.1	<1.94	<0.484
Benzo(b)fluoranthene				µg/L	625.1	<1.68	<0.421
Benzo(g,h,i)perylene				µg/L	625.1	<2.59	<0.646
Benzo(k)fluoranthene				µg/L	625.1	<1.49	<0.373
4-Bromophenylphenylether				µg/L	625.1	<1.55	<0.387
Butylbenzylphthalate				µg/L	625.1	<2.81	<0.703
4-Chloro-3-methylphenol				µg/L	625.1	<2.19	<0.546
Bis(2-chloroethoxy)methane				µg/L	625.1	<1.75	<0.436
Bis(2-chloroethyl)ether				µg/L	625.1	<2.10	<0.524
Bis(2-chloroisopropyl)ether				µg/L	625.1	<2.41	<0.603
2-Chloronaphthalene				µg/L	625.1	<1.07	<0.268
2-Chlorophenol				µg/L	625.1	<1.51	<0.378
4-Chlorophenylphenylether				µg/L	625.1	<1.34	<0.335
Chrysene				µg/L	625.1	<1.52	<0.379
Dibenz(a,h)anthracene				µg/L	625.1	<2.87	<0.717
Di-n-butylphthalate				µg/L	625.1	<2.01	<0.502
1,3-Dichlorobenzene				µg/L	625.1	<0.970	<0.242
1,4-Dichlorobenzene				µg/L	625.1	<1.07	<0.268
1,2-Dichlorobenzene				µg/L	625.1	<0.945	<0.236
3,3-Dichlorobenzidine				µg/L	625.1	<2.53	<0.631
2,4-Dichlorophenol				µg/L	625.1	<1.47	<0.369
Diethylphthalate				µg/L	625.1	<1.94	<0.486
2,4-Dimethylphenol				µg/L	625.1	<3.90	<0.976
Dimethylphthalate				µg/L	625.1	<1.62	<0.406
4,6-Dinitro-2-methylphenol				µg/L	625.1	<26.5	<6.64
2,4-Dinitrophenol				µg/L	625.1	<32.4	<8.10
2,4-Dinitrotoluene				µg/L	625.1	<2.46	<0.615
2,6-Dinitrotoluene				µg/L	625.1	<2.02	<0.505
Di-n-octylphthalate				µg/L	625.1	<22.6	<5.66
1,2-Diphenylhydrazine/ Azobenzene				µg/L	625.1	<2.13	<0.531
Bis(2-Ethylhexyl)phthalate				µg/L	625.1	<3.73	<0.933
Fluoranthene				µg/L	625.1	<1.49	<0.374
Fluorene				µg/L	625.1	<1.68	<0.421
Hexachlorobenzene				µg/L	625.1	<1.47	<0.368
Hexachlorobutadiene				µg/L	625.1	<1.09	<0.274
Hexachlorocyclopentadiene				µg/L	625.1	<17.1	<4.26
Hexachloroethane				µg/L	625.1	<1.25	<0.312
Indeno(1,2,3-cd)pyrene				µg/L	625.1	<3.19	<0.797
Isophorone				µg/L	625.1	<1.97	<0.492
Naphthalene				µg/L	625.1	<1.20	<0.299
Nitrobenzene				µg/L	625.1	<2.14	<0.535
2-Nitrophenol				µg/L	625.1	<1.91	<0.478
4-Nitrophenol				µg/L	625.1	<8.32	<2.08
N-Nitrosodimethylamine				µg/L	625.1	<3.31	<0.828
N-				µg/L	625.1	<1.61	<0.402
N-Nitrosodi-n-propylamine				µg/L	625.1	<2.14	<0.534
Pentachlorophenol				µg/L	625.1	<15.1	<3.78
2-Methylnaphthalene				µg/L	625.1	<1.34	<0.335
Phenanthrene				µg/L	625.1	<1.60	<0.401
2-Methylphenol				µg/L	625.1	6.99	<0.369
Phenol				µg/L	625.1	18.7	<0.249
3/4-Methylphenol				µg/L	625.1	15.4	<0.385
Pyrene				µg/L	625.1	<1.91	<0.478
1,2,4-Trichlorobenzene				µg/L	625.1	<0.990	<0.247
2,4,6-Trichlorophenol				µg/L	625.1	<1.65	0.485

City of Fitchburg							
WWTF Summary of Analytical Results							
						East WWTF	
DATE SAMPLED							
DATE RECEIVED							
						Primary	Final
Analyte				Units	Method	Influent	Effluent
Benzene				µg/L	624.1	<0.520	<0.260
Bromodichloromethane				µg/L	624.1	<0.560	5.24
Bromoform				µg/L	624.1	<1.16	<0.580
Bromomethane				µg/L	624.1	<4.28	<2.14
Carbon Tetrachloride				µg/L	624.1	<0.680	<0.340
Chlorobenzene				µg/L	624.1	<0.320	<0.160
Chlorodibromomethane				µg/L	624.1	<0.640	1.62
Chloroethane				µg/L	624.1	<1.48	<0.740
Chloroform				µg/L	624.1	1.2	6.64
Chloromethane				µg/L	624.1	<1.52	<0.760
1,2-Dichlorobenzene				µg/L	624.1	<0.400	<0.200
1,3-Dichlorobenzene				µg/L	624.1	<0.360	<0.180
1,4-Dichlorobenzene				µg/L	624.1	<0.440	<0.220
1,2-Dichloroethane				µg/L	624.1	<1.28	<0.640
1,1-Dichloroethane				µg/L	624.1	<0.640	<0.320
1,1-Dichloroethylene				µg/L	624.1	<0.640	<0.320
trans-1,2-Dichloroethylene				µg/L	624.1	<0.680	<0.340
1,2-Dichloropropane				µg/L	624.1	<0.720	<0.360
cis-1,3-Dichloropropene				µg/L	624.1	<0.480	<0.240
trans-1,3-Dichloropropene				µg/L	624.1	<0.600	<0.300
Ethylbenzene				µg/L	624.1	<0.360	<0.180
Methyl tert-Butyl Ether (MTBE)				µg/L	624.1	<0.680	<0.340
Methylene Chloride				µg/L	624.1	<1.20	<0.600
1,1,2,2-Tetrachloroethane				µg/L	624.1	<0.360	<0.180
Tetrachloroethylene				µg/L	624.1	<0.800	<0.400
Toluene				µg/L	624.1	0.72	<0.220
1,1,1-Trichloroethane				µg/L	624.1	<0.680	<0.340
1,1,2-Trichloroethane				µg/L	624.1	<0.600	<0.300
Trichloroethylene				µg/L	624.1	<0.720	<0.360
Trichlorofluoromethane (Freon 11)				µg/L	624.1	<0.760	<0.380
Vinyl Chloride				µg/L	624.1	<0.800	<0.400
m+p Xylene				µg/L	624.1	<0.720	<0.360
o-Xylene				µg/L	624.1	<0.360	<0.180
Aldrin [1]				µg/L	608.3	<0.082	<0.017
alpha-BHC [1]				µg/L	608.3	<0.015	<0.0032
beta-BHC [1]				µg/L	608.3	<0.12	<0.024
delta-BHC [1]				µg/L	608.3	<0.14	<0.030
gamma-BHC (Lindane) [1]				µg/L	608.3	<0.066	<0.014
Chlordane [1]				µg/L	608.3	<0.58	<0.12
4,4'-DDD [1]				µg/L	608.3	<0.0086	<0.0018
4,4'-DDE [1]				µg/L	608.3	<0.0077	<0.0016
4,4'-DDT [1]				µg/L	608.3	<0.011	<0.0024
Dieldrin [1]				µg/L	608.3	<0.0094	<0.0020
Endosulfan I [2]				µg/L	608.3	<0.010	<0.0021
Endosulfan II [1]				µg/L	608.3	<0.014	<0.0029
Endosulfan sulfate [1]				µg/L	608.3	<0.012	<0.0025
Endrin [1]				µg/L	608.3	<0.0081	<0.0017
Endrin aldehyde [1]				µg/L	608.3	<0.30	<0.063
Endrin ketone [1]				µg/L	608.3	<0.024	<0.0050
Heptachlor [1]				µg/L	608.3	<0.022	<0.0046
Heptachlor epoxide [1]				µg/L	608.3	<0.019	<0.0040
Methoxychlor [1]				µg/L	608.3	<0.046	<0.0097
Toxaphene [1]				µg/L	608.3	<3.1	<0.66
Aroclor-1016 [1]				µg/L	608.3	<0.170	<0.181
Aroclor-1221 [1]				µg/L	608.3	<0.157	<0.168
Aroclor-1232 [1]				µg/L	608.3	<0.160	<0.171
Aroclor-1242 [1]				µg/L	608.3	<0.168	<0.179
Aroclor-1248 [1]				µg/L	608.3	<0.159	<0.170
Aroclor-1254 [1]				µg/L	608.3	<0.179	<0.191
Aroclor-1260 [1]				µg/L	608.3	<0.156	<0.166



City of Fitchburg  
East WWTF Summary of Analytical Results  
Effluent Compliance Analysis

DATE SAMPLED				Allow. Effluent Conc.	Allow. Effluent Conc.	3/12/2021	1st Qtr	Compliance	Compliance	Compliance
WWTF Flow (MGD)			NPDES Daily	CMC	CCC	Final	lbs/day	NPDES Daily	Allow. Effluent Conc.	Allow. Effluent Conc.
Parameter	Units	Method	Max Limit	ug/L	ug/L	Effluent	9.0	Max Limit	CMC	CCC
Aluminum	mg/L	200.7	139 ug/L	1.200	0.1390	0.05	-	Compliance	Compliance	Compliance
Antimony	ug/L	200.8	-	-	-	-	-	-	-	-
Arsenic	ug/L	200.8	-	544.000	240.0000	0.4	-	-	Compliance	Compliance
Beryllium	ug/L	200.8	-	-	-	-	-	-	-	-
Cadmium	ug/L	200.8	2 ug/l	1.820	0.3430	0.1	-	Compliance	Compliance	Compliance
Chromium	ug/L	200.8	-	-	-	4.70	-	-	-	-
Copper	ug/L	200.8	39 ug/L	62.800	43.0000	15.00	-	Compliance	Compliance	Compliance
Lead	ug/L	200.8	3 ug/L	62.100	3.6600	0.25	-	Compliance	Compliance	Compliance
Mercury	mg/L	200.8	-	0.003	0.0015	0.00005	-	-	Compliance	Compliance
Nickel	ug/L	245.1	-	459.000	51.4000	6.70	-	-	Compliance	Compliance
Selenium	ug/L	200.8	-	-	8.6800	2.5	-	-	-	Compliance
Silver	ug/L	200.8	-	2.230	-	0.1	-	-	Compliance	-
Thallium	ug/L	200.8	-	-	-	-	-	-	-	-
Zinc	ug/L	200.8	117 ug/L	118.000	117.0000	46.00	-	Compliance	Compliance	Compliance
Phenol	mg/L	420	-	-	-	-	-	-	-	-
Cyanide	mg/l		-	0.035	0.0083	0.005	-	-	Compliance	Compliance
Hex Chromium (Cr 6)	mg/l		-	0.026	0.0183	0.002	-	-	Compliance	Compliance
BOD	mg/l	with 10% safety factor	1,550 lbs/day	-	-	7.70	577.96	Compliance	-	-
TSS	mg/l		2,070 lbs/day	-	-	8.40	630.50	Compliance	-	-
Ammonia	mg/l		2.0 mg/L	38.600	4.8000	0.15	11.26	Compliance	Compliance	Compliance
Total Phosphorous	mg/l		20.7 lbs/day	-	-	0.19	14.26	Compliance	-	-

NOTES

Conotates 1/2 detection value

Allowable Effluent ( based on 1.6 dilution factor)

City of Fitchburg  
East WWTF Summary of Analytical Results  
Effluent Compliance Analysis

DATE SAMPLED				Allow. Effluent Conc.	Allow. Effluent Conc.	6/10/2021	2nd Qtr	Compliance	Compliance	Compliance
WWTF Flow (MGD)			NPDES Daily	CMC	CCC	Final	lbs/day	NPDES Daily	Allow. Effluent Conc.	Allow. Effluent Conc.
Parameter	Units	Method	Max Limit	ug/L	ug/L	Effluent	7.2	Max Limit	CMC	CCC
Aluminum	mg/L	200.7	139 ug/L	1.200	0.1390	0.025	-	Compliance	Compliance	Compliance
Antimony	ug/L	200.8	-	-	-	-	-	-	-	-
Arsenic	ug/L	200.8	-	544.000	240.0000	1.9	-	-	Compliance	Compliance
Beryllium	ug/L	200.8	-	-	-	-	-	-	-	-
Cadmium	ug/L	200.8	2 ug/l	1.820	0.3430	0.1	-	Compliance	Compliance	Compliance
Chromium	ug/L	200.8	-	-	-	4.300	-	-	-	-
Copper	ug/L	200.8	39 ug/L	62.800	43.0000	19	-	Compliance	Compliance	Compliance
Lead	ug/L	200.8	3 ug/L	62.100	3.6600	0.25	-	Compliance	Compliance	Compliance
Mercury	mg/L	200.8	-	0.003	0.0015	0.00005	-	-	Compliance	Compliance
Nickel	ug/L	245.1	-	459.000	51.4000	6.9	-	-	Compliance	Compliance
Selenium	ug/L	200.8	-	-	8.6800	2.5	-	-	-	Compliance
Silver	ug/L	200.8	-	2.230	-	0.1	-	-	Compliance	-
Thallium	ug/L	200.8	-	-	-	-	-	-	-	-
Zinc	ug/L	200.8	117 ug/L	118.000	117.0000	39	-	Compliance	Compliance	Compliance
Phenol	mg/L	420	-	-	-	-	-	-	-	-
Cyanide	mg/l		-	0.035	0.0083	0.005	-	-	Compliance	Compliance
Hex Chromium (Cr 6)	mg/l		-	0.026	0.0183	0.002	-	-	Compliance	Compliance
BOD	mg/l	with 10% safety factor	1,550 lbs/day	-	-	6.7	402.32	Compliance	-	-
TSS	mg/l		2,070 lbs/day	-	-	7.8	468.37	Compliance	-	-
Ammonia	mg/l		2.0 mg/L	38.600	4.8000	0.53	31.83	Compliance	Compliance	Compliance
Total Phosphorous	mg/l		20.7 lbs/day	-	-	0.18	10.81	Compliance	-	-

NOTES

Conotates 1/2 detection value

Allowable Effluent ( based on 1.6 dilution factor)

City of Fitchburg  
East WWTF Summary of Analytical Results  
Effluent Compliance Analysis

DATE SAMPLED				Allow. Effluent Conc.	Allow. Effluent Conc.	9/15/2021	3rd Qtr	Compliance	Compliance	Compliance
WWTF Flow (MGD)			NPDES Daily	CMC	CCC	Final	lbs/day	NPDES Daily	Allow. Effluent Conc.	Allow. Effluent Conc.
Parameter	Units	Method	Max Limit	ug/L	ug/L	Effluent	8.7	Max Limit	CMC	CCC
Aluminum	mg/L	200.7	139 ug/L	1.200	0.1390	0.025	-	Compliance	Compliance	Compliance
Antimony	ug/L	200.8	-	-	-	-	-	-	-	-
Arsenic	ug/L	200.8	-	544.000	240.0000	2.7	-	-	Compliance	Compliance
Beryllium	ug/L	200.8	-	-	-	-	-	-	-	-
Cadmium	ug/L	200.8	2 ug/l	1.820	0.3430	0.1	-	Compliance	Compliance	Compliance
Chromium	ug/L	200.8	-	-	-	3.800	-	-	-	-
Copper	ug/L	200.8	39 ug/L	62.800	43.0000	19	-	Compliance	Compliance	Compliance
Lead	ug/L	200.8	3 ug/L	62.100	3.6600	0.25	-	Compliance	Compliance	Compliance
Mercury	mg/L	200.8	-	0.003	0.0015	0.00005	-	-	Compliance	Compliance
Nickel	ug/L	245.1	-	459.000	51.4000	7.6	-	-	Compliance	Compliance
Selenium	ug/L	200.8	-	-	8.6800	2.5	-	-	-	Compliance
Silver	ug/L	200.8	-	2.230	-	0.1	-	-	Compliance	-
Thallium	ug/L	200.8	-	-	-	-	-	-	-	-
Zinc	ug/L	200.8	117 ug/L	118.000	117.0000	41	-	Compliance	Compliance	Compliance
Phenol	mg/L	420	-	-	-	-	-	-	-	-
Cyanide	mg/l		-	0.035	0.0083	0.005	-	-	Compliance	Compliance
Hex Chromium (Cr 6)	mg/l		-	0.026	0.0183	0.002	-	-	Compliance	Compliance
BOD	mg/l	with 10% safety factor	1,550 lbs/day	-	-	10	725.58	Compliance	-	-
TSS	mg/l		2,070 lbs/day	-	-	9	653.02	Compliance	-	-
Ammonia	mg/l		2.0 mg/L	38.600	4.8000	0.42	30.47	Compliance	Compliance	Compliance
Total Phosphorous	mg/l		20.7 lbs/day	-	-	0.38	27.57	Compliance	-	-

NOTES

Conotates 1/2 detection value

Allowable Effluent ( based on 1.6 dilution factor)

**City of Fitchburg**  
**East WWTF Summary of Analytical Results**  
**Effluent Compliance Analysis**

DATE SAMPLED				Allow. Effluent Conc.	Allow. Effluent Conc.	10/22/2021	4th Qtr	Compliance	Compliance	Compliance
WWTF Flow (MGD)			NPDES Daily	CMC	CCC	Final	lbs/day	NPDES Daily	Allow. Effluent Conc.	Allow. Effluent Conc.
Parameter	Units	Method	Max Limit	ug/L	ug/L	Effluent	7.2	Max Limit	CMC	CCC
Aluminum	mg/L	200.7	139 ug/L	1.200	0.1390	0.025	-	Compliance	Compliance	Compliance
Antimony	ug/L	200.8	-	-	-	1	-	-	-	-
Arsenic	ug/L	200.8	-	544.000	240.0000	1.2	-	-	Compliance	Compliance
Beryllium	ug/L	200.8	-	-	-	0.2	-	-	-	-
Cadmium	ug/L	200.8	2 ug/l	1.820	0.3430	0.041	-	Compliance	Compliance	Compliance
Chromium	ug/L	200.8	-	-	-	4.200	-	-	-	-
Copper	ug/L	200.8	39 ug/L	62.800	43.0000	17	-	Compliance	Compliance	Compliance
Lead	ug/L	200.8	3 ug/L	62.100	3.6600	0.27	-	Compliance	Compliance	Compliance
Mercury	mg/L	200.8	-	0.003	0.0015	0.00005	-	-	Compliance	Compliance
Nickel	ug/L	245.1	-	459.000	51.4000	8.3	-	-	Compliance	Compliance
Selenium	ug/L	200.8	-	-	8.6800	2.5	-	-	-	Compliance
Silver	ug/L	200.8	-	2.230	-	0.1	-	-	Compliance	-
Thallium	ug/L	200.8	-	-	-	0.1	-	-	-	-
Zinc	ug/L	200.8	117 ug/L	118.000	117.0000	44	-	Compliance	Compliance	Compliance
Phenol	mg/L	420	-	-	-	0.058	-	-	-	-
Cyanide	mg/l		-	0.035	0.0083	0.005	-	-	Compliance	Compliance
Hex Chromium (Cr 6)	mg/l		-	0.026	0.0183	0.002	-	-	Compliance	Compliance
BOD	mg/l	with 10% safety factor	1,550 lbs/day	-	-	6	360.29	Compliance	-	-
TSS	mg/l		2,070 lbs/day	-	-	7	420.34	Compliance	-	-
Ammonia	mg/l		2.0 mg/L	38.600	4.8000	0.15	9.01	Compliance	Compliance	Compliance
Total Phosphorous	mg/l		20.7 lbs/day	-	-	0.11	6.61	Compliance	-	-

**NOTES**

*Conotates 1/2 detection value*

Allowable Effluent ( based on 1.6 dilution factor)

City of Fitchburg

East WWTF Summary of Analytical Results

Influent Loading Analysis

DATE SAMPLED				3/12/2021			6/10/2021			9/15/2021			10/22/2021		
WWTF Flow (MGD)			MAHL	9.0	1st Qtr.	Compliance	7.2	2nd Qtr.	Compliance	8.7	3rd Qtr.	Compliance	7.2	4th Qtr.	Compliance
Parameter	Units	Method	lbs/day	Influent	lbs/day		Influent	lbs/day		Influent	lbs/day		Influent	lbs/day	
Aluminum	mg/L	200.7	79.9	0.84	63.05	Compliance	2.20	132.11	Exceeded	0.55	39.91	Compliance	2.9	174.139	Exceeded
Antimony	ug/L	200.8	-	-	-	-	-	-	-	-	-		3.2	0.192	Compliance
Arsenic	ug/L	200.8	7.2	3.40	0.26	Compliance	10.00	0.60	Compliance	5.9	0.43	Compliance	5.8	0.348	Compliance
Beryllium	ug/L	200.8	-	-	-	-	-	-	-	-	-	-	0.2	0.012	Compliance
Cadmium	ug/L	200.8	0.057	0.40	0.03	Compliance	1.00	0.06	Exceeded	0.33	0.02	Compliance	0.29	0.017	Compliance
Chromium	ug/L	200.8	72	11.00	0.83	Compliance	19.00	1.14	Compliance	7.100	0.52	Compliance	15.000	0.901	Compliance
Copper	ug/L	200.8	5.31	130.00	9.76	Exceeded	270.00	16.21	Exceeded	76	5.51	Exceeded	110	6.605	Exceeded
Lead	ug/L	200.8	0.859	6.20	0.47	Compliance	12.00	0.72	Compliance	9.4	0.68	Compliance	12	0.721	Compliance
Mercury	mg/L	200.8	0.0106	0.0001	0.01	Compliance	0.00	0.01	Compliance	0.0001	0.01	Compliance	0.00005	0.003	Compliance
Nickel	ug/L	245.1	4.82	9.30	0.70	Compliance	17.00	1.02	Compliance	9.3	0.67	Compliance	13	0.781	Compliance
Selenium	ug/L	200.8	1.25	2.50	0.19	Compliance	2.50	0.15	Compliance	2.5	0.18	Compliance	2.5	0.150	Compliance
Silver	ug/L	200.8	0.478	0.30	0.02	Compliance	1.40	0.08	Compliance	0.1	0.01	Compliance	0.69	0.041	Compliance
Thallium	ug/L	200.8	-	-	-	-	-	-	-	-	-	-	0.1	0.006	Compliance
Zinc	ug/L	200.8	18.1	190.00	14.26	Compliance	510.00	30.62	Exceeded	160	11.61	Compliance	160	9.608	Compliance
Phenol	mg/L	420	-	-	-	-	-	-	-	-	-	-	0.15	9.007	Compliance
Cyanide	mg/l		2.65	0.05	3.90	Exceeded	0.01	0.30	Compliance	0.005	0.36	Compliance	0.005	0.300	Compliance
Hex Chromium (Cr 6)	mg/l		10	0.002	0.15	Compliance	0.00	0.12	Compliance	0.002	0.15	Compliance	0.002	0.120	Compliance
BOD	mg/l	with 10% saftey factor	19,440	294.00	22,067.64	Exceeded	555.00	33,326.64	Exceeded	342	24,814.84	Exceeded	354	21,256.99	Exceeded
TSS	mg/l		30,564	352.00	26,421.12	Compliance	1,146.00	68,815.01	Exceeded	368	26,701.34	Compliance	392	23,538.82	Compliance
Ammonia	mg/l		4596	18.00	1,351.08	Compliance	24.00	1,441.15	Compliance	21	1,523.72	Compliance	25	1,501.20	Compliance
Total Phosphorous	mg/l		294	3.30	247.70	Compliance	6.90	414.33	Exceeded	3.7	268.46	Compliance	2.3	138.110	Compliance

NOTES

Conotates 1/2 detection value

Allowable Effluent ( based on 1.6 dilution factor)

City of Fitchburg					
WWTF Summary of Analytical Results					
DATE SAMPLED			October 22, 2021		East
DATE RECEIVED			October 22, 2021		
Analyte			Units	Method	Sludge
% Solids			% Wt.	SW-846 8260C-D	17.8
Benzene			µg/L	SW-846 8260C-D	<10
2-Butanone (MEK)			µg/L	SW-846 8260C-D	210
Carbon Tetrachloride			µg/L	SW-846 8260C-D	<10
Chorobenzene			µg/L	SW-846 8260C-D	<10
Chloroform			µg/L	SW-846 8260C-D	<20
1,4-Dichlorobenzene			µg/L	SW-846 8260C-D	<10
1,2-Dichloroethane			µg/L	SW-846 8260C-D	<10
1,1-Dchloroethylene			µg/L	SW-846 8260C-D	<10
Tetrachloroethylene			µg/L	SW-846 8260C-D	<10
Trichloroethylene			µg/L	SW-846 8260C-D	<10
Vinyl Chloride			µg/L	SW-846 8260C-D	<20
2,4-Dinitrotoluene			µg/L	SW-846 8270D	<42
Hexachlorobenzene			µg/L	SW-846 8270D	<42
Hexachlorobutadiene			µg/L	SW-846 8270D	<42
Hexachloroethane			µg/L	SW-846 8270D	<42
2-Methylphenol			µg/L	SW-846 8270D	<42
3/4-Methylphenol			µg/L	SW-846 8270D	5000
Nitrobenzene			µg/L	SW-846 8270D	<42
Pentachlorophenol			µg/L	SW-846 8270D	<42
Pyridine			µg/L	SW-846 8270D	<42
2,4,5-Trichlorophenol			µg/L	SW-846 8270D	<42
2,4,6-Trichlorophenol			µg/L	SW-846 8270D	<42
gamma-BHC (Lindane)			µg/L	SW-846 8081B	<0.30
Chlordane			µg/L	SW-846 8081B	<2.0
Endrin			µg/L	SW-846 8081B	<0.80
Heptachlor			µg/L	SW-846 8081B	<0.50
Heptachlor Epoxide			µg/L	SW-846 8081B	<0.50
Methoxychlor			µg/L	SW-846 8081B	<5.0
Toxaphene			µg/L	SW-846 8081B	<10
2,4-D [1]			µg/L	SW-846 8151A	<0.050
2,4,5-TP (Silvex) [1]			µg/L	SW-846 8151A	<0.0050
Arsenic			mg/L	SW-846 6010D	<0.050
Mercury			mg/L	SW-846 7470A	0.00023
Barium			mg/L	SW-846 6010D	<0.50
Cadmium			mg/L	SW-846 6010D	<0.010
Chromium			mg/L	SW-846 6010D	<0.050
Lead			mg/L	SW-846 6010D	<0.10
Selenium			mg/L	SW-846 6010D	<0.050
Silver			mg/L	SW-846 6010D	<0.050